



US Army Corps
of Engineers
Waterways Experiment
Station

Technical Report HL-93-3
May 1993

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Demonstration Erosion Control Project Monitoring Program

Fiscal Year 1992 Report

Volume III: Appendix B Long Creek Watershed Profiles and Cross Sections

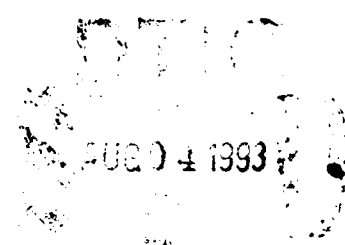
by Terry N. Waller, Lisa C. Hubbard
Hydraulics Laboratory

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Prepared for U.S. Army Engineer District, Vicksburg

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Fiscal Year 1992 Report

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by Terry N. Waller, Lisa C. Hubbard

Hydraulics Laboratory

U.S. Army Corps of Engineers
Waterways Experiment Station
3909 Halls Ferry Road
Vicksburg, MS 39180-6199

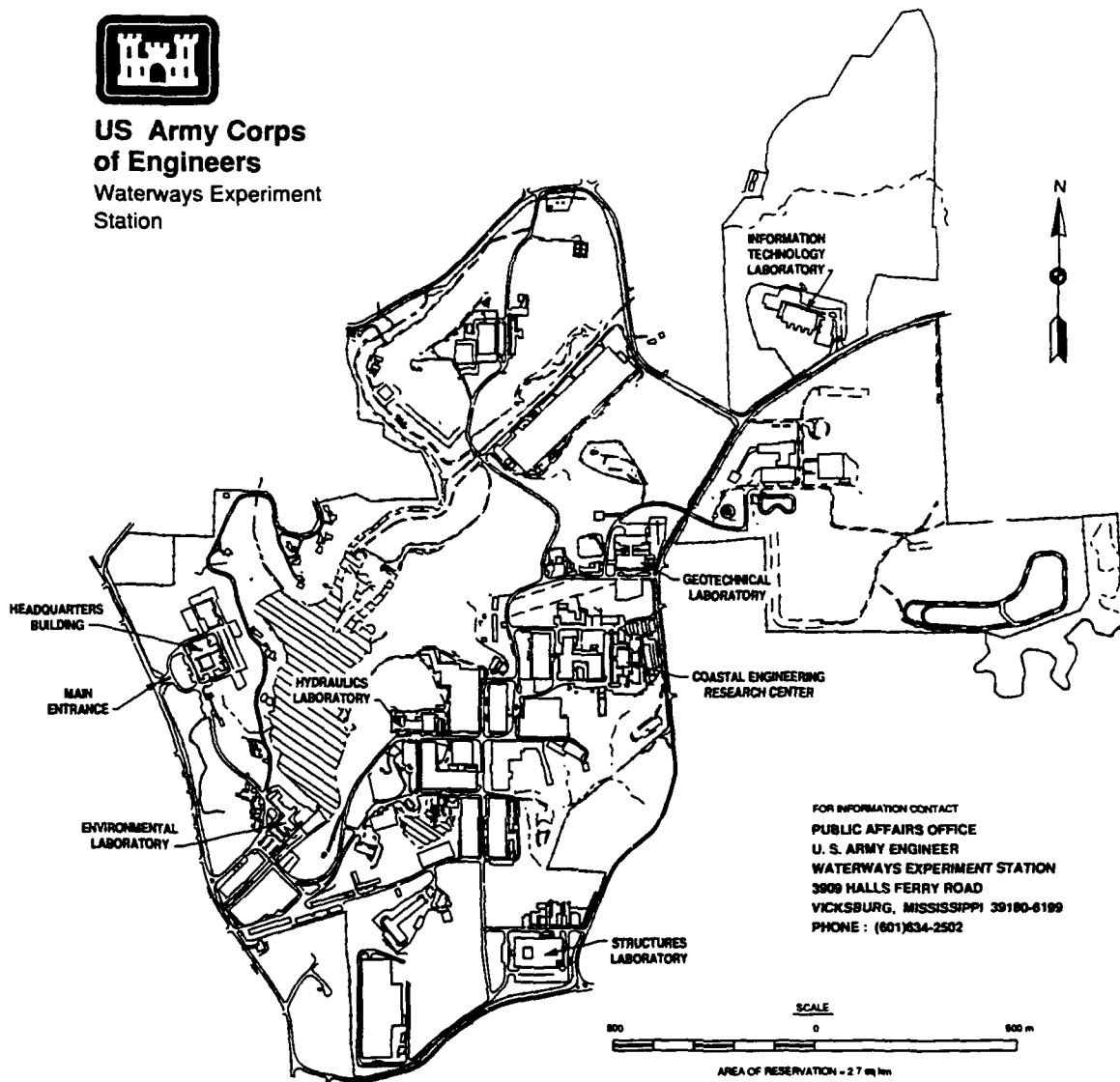
Final report

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Prepared for U.S. Army Engineer District, Vicksburg
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Waterways Experiment
Station



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Appendix B

Long Creek Watershed Profiles and Cross Sections

Channel Profiles

Comparisons of channel profiles in the Long Creek watershed from 1985 and 1991 are shown in Plates B1-B19. The following channels are represented in these profile plots:

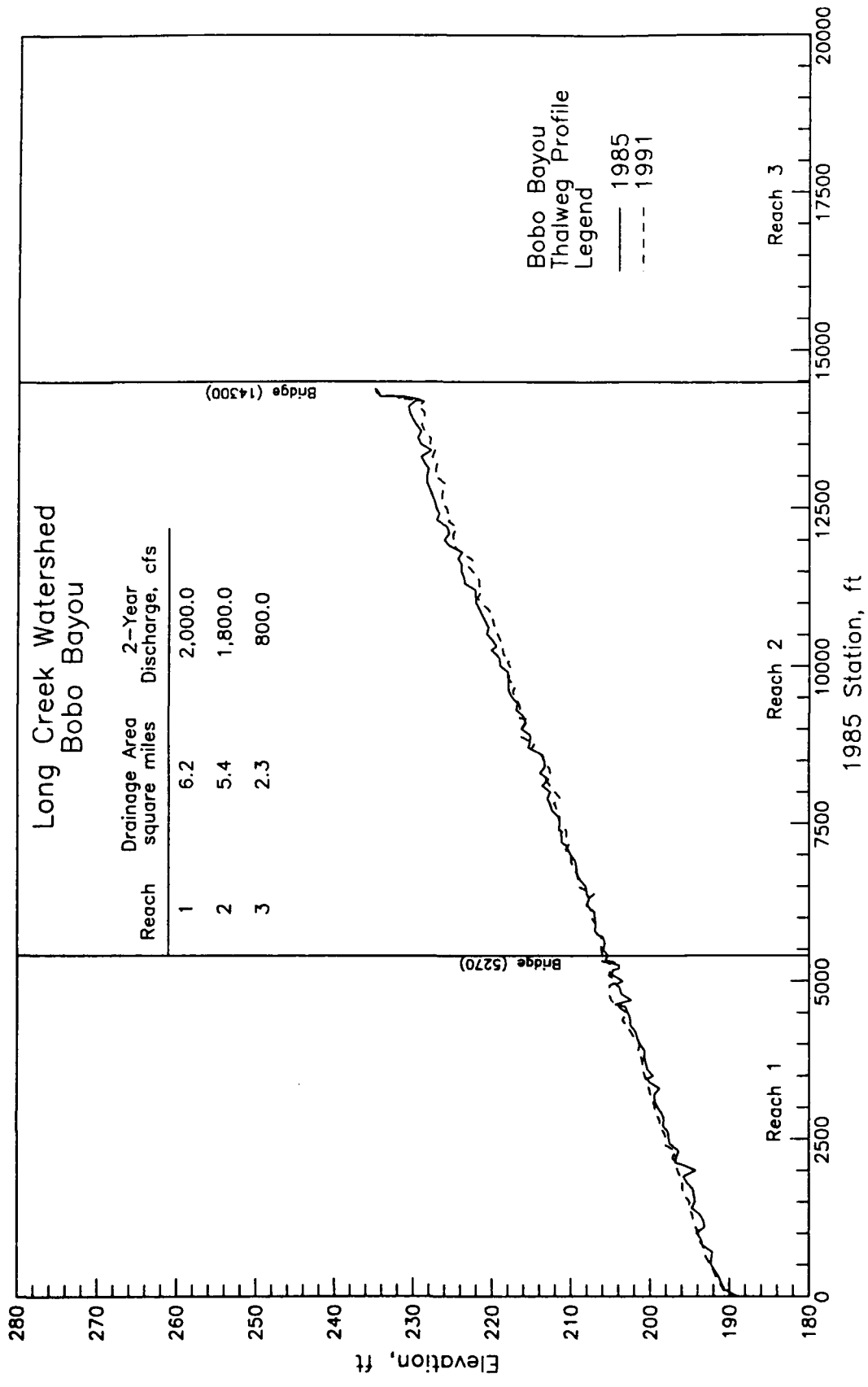
Creek	Plate
Bobo	B1
Caney	B2, B3
Goodwin	B4, B5
Goodwin Tributary #2	B6
Goodwin Tributary #3	B7
Goodwin Tributary #4	B8
Goodwin Tributary #4E	B9
Hurt	B10, B11
Johnson	B12-B14
Long	B15, B16
Peters	B17, B18
Pope Tributary	B19

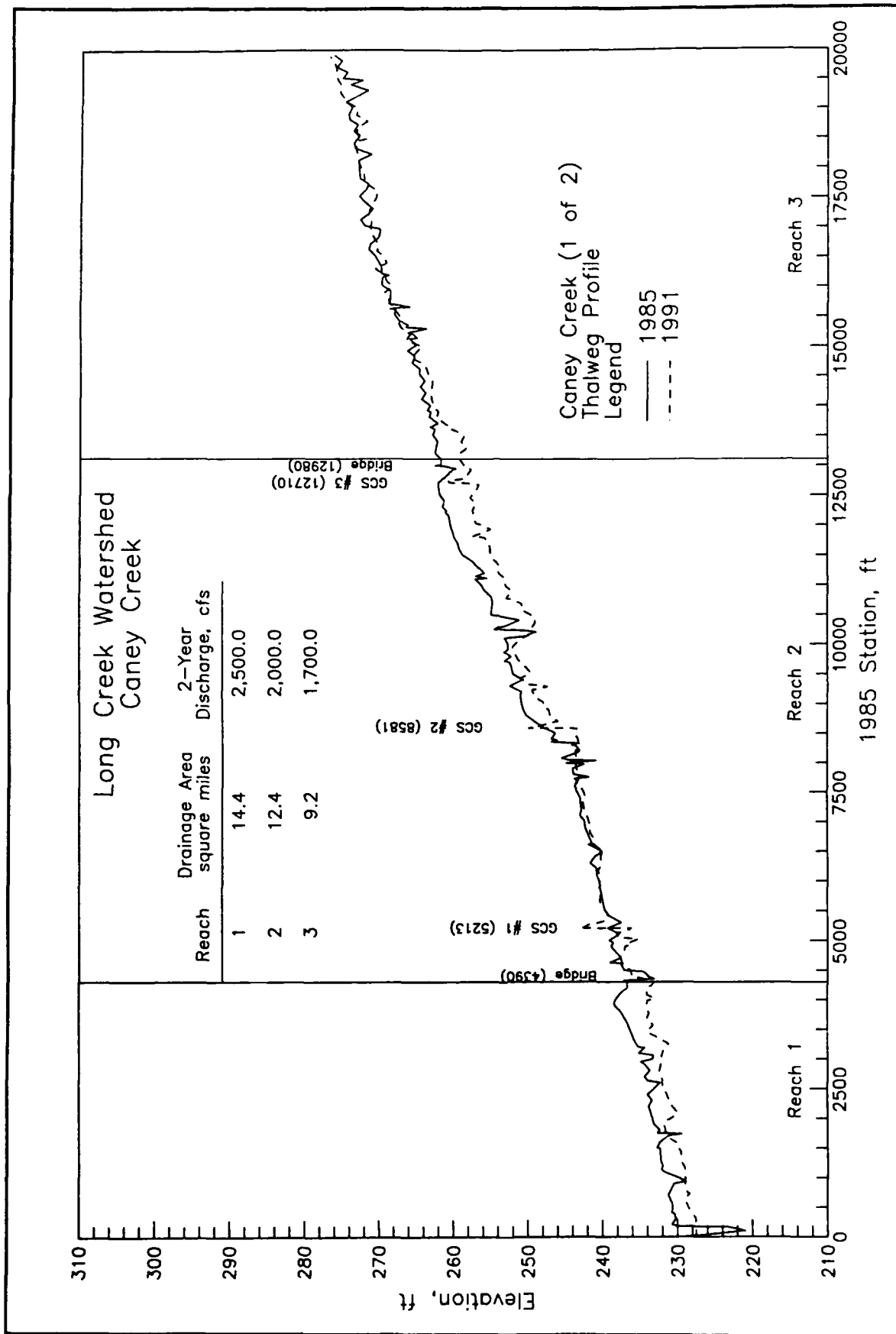
Channel Cross Sections

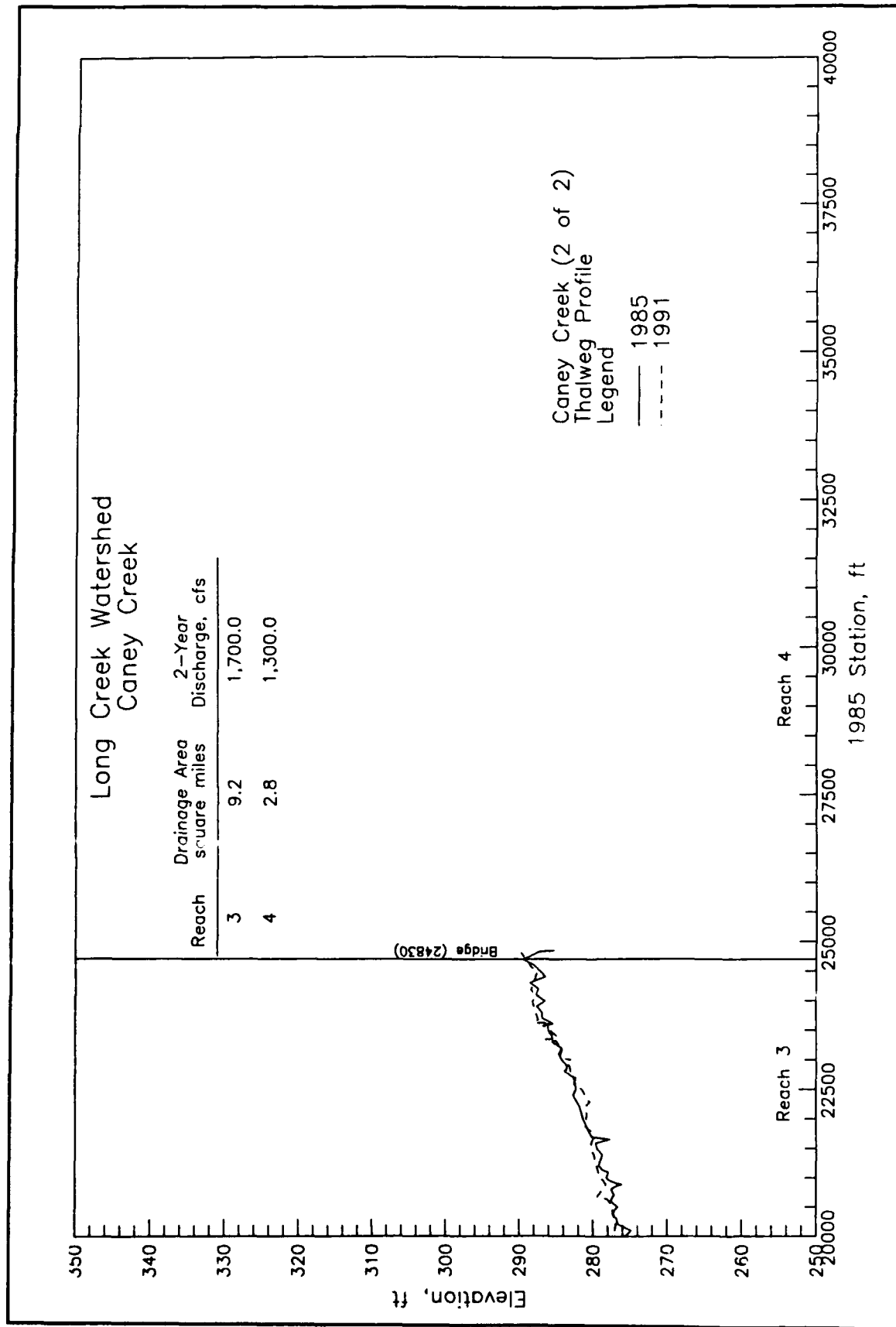
Comparisons of channel cross sections in the Long Creek watershed from 1985 and 1991 are shown in Plates B20-B103. The following channels are represented in these cross-section plots:

Long Creek Watershed Bobo Bayou

Reach	Drainage Area square miles	2-Year Discharge, cfs
1	6.2	2,000.0
2	5.4	1,800.0
3	2.3	800.0







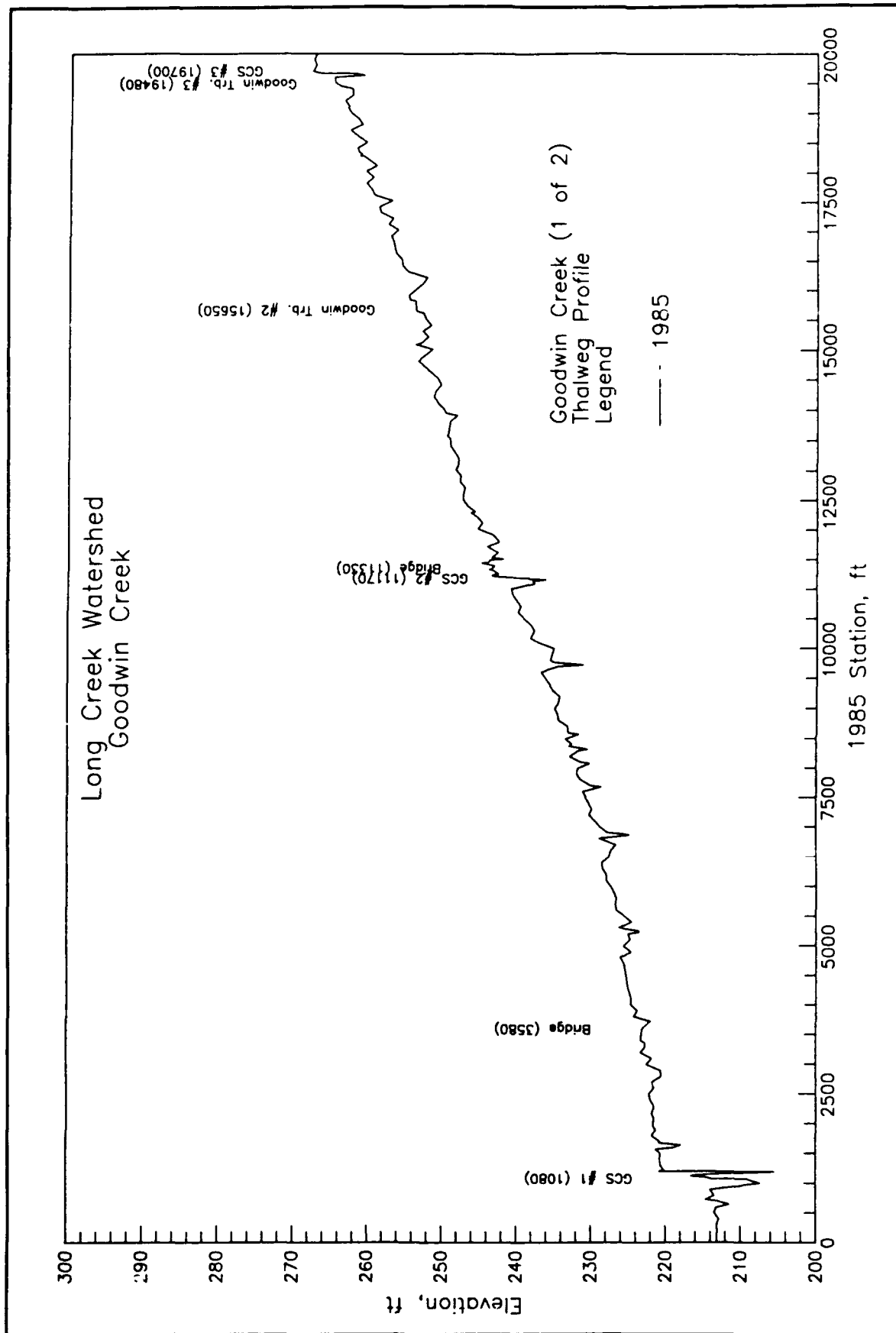
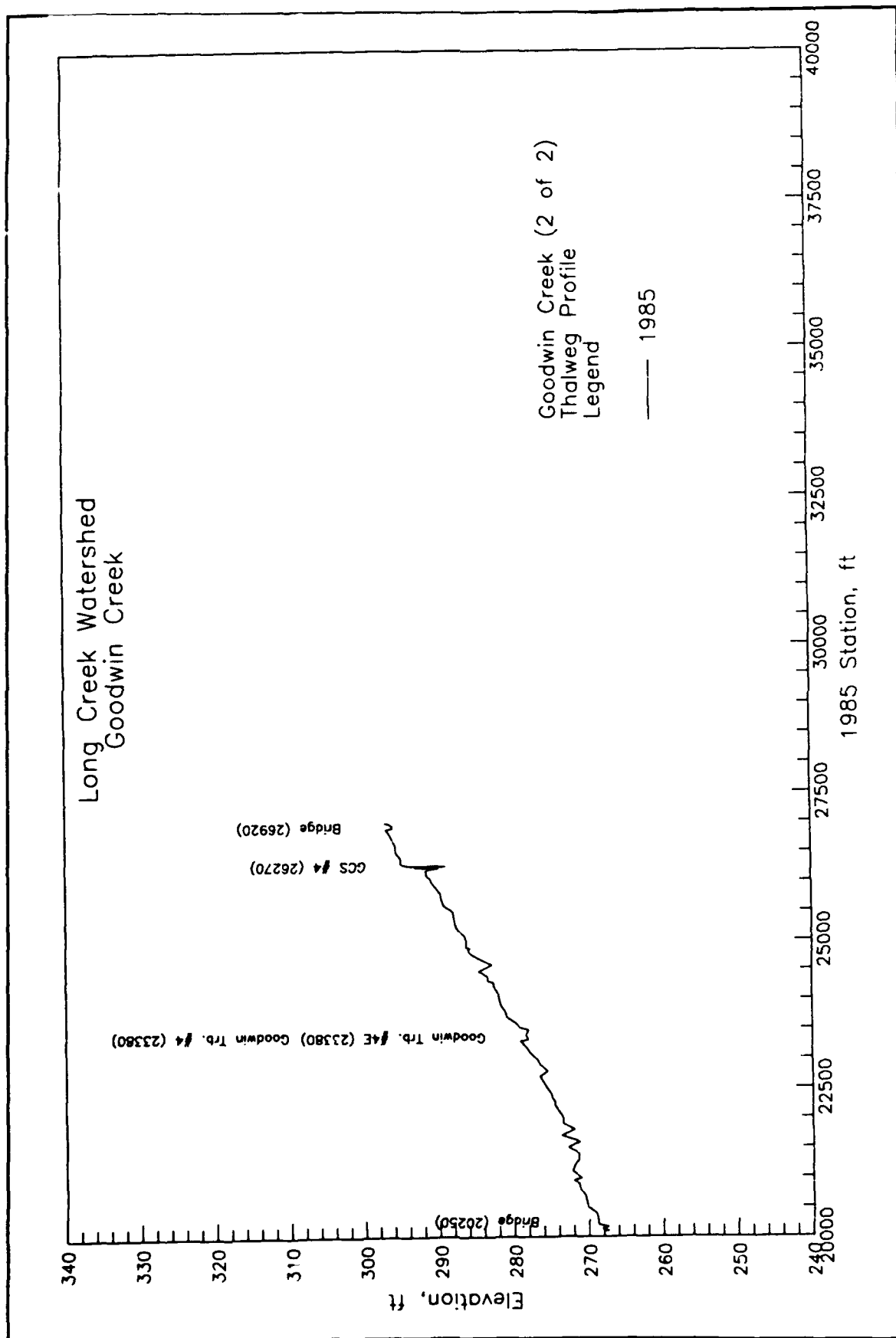


PLATE B4



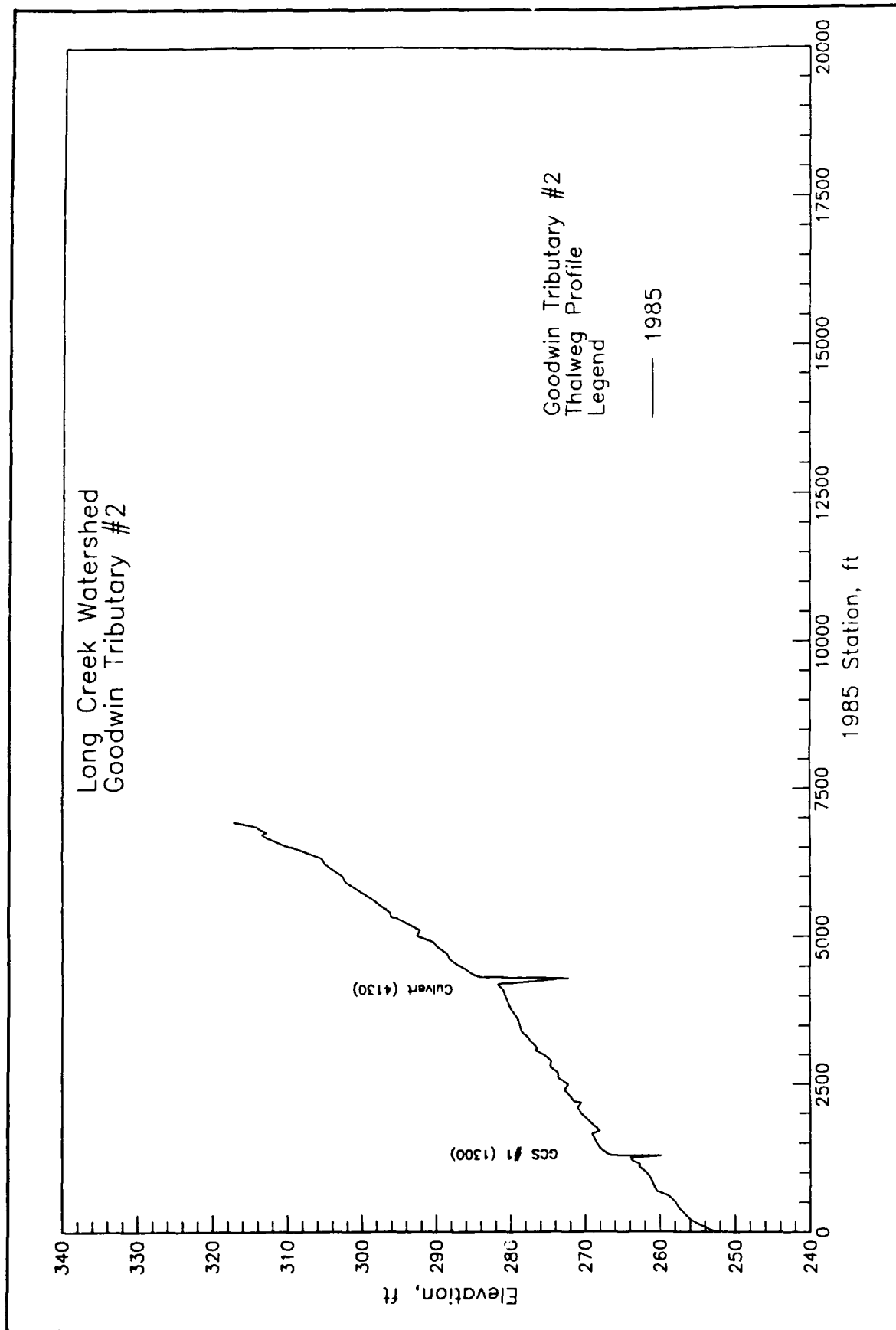
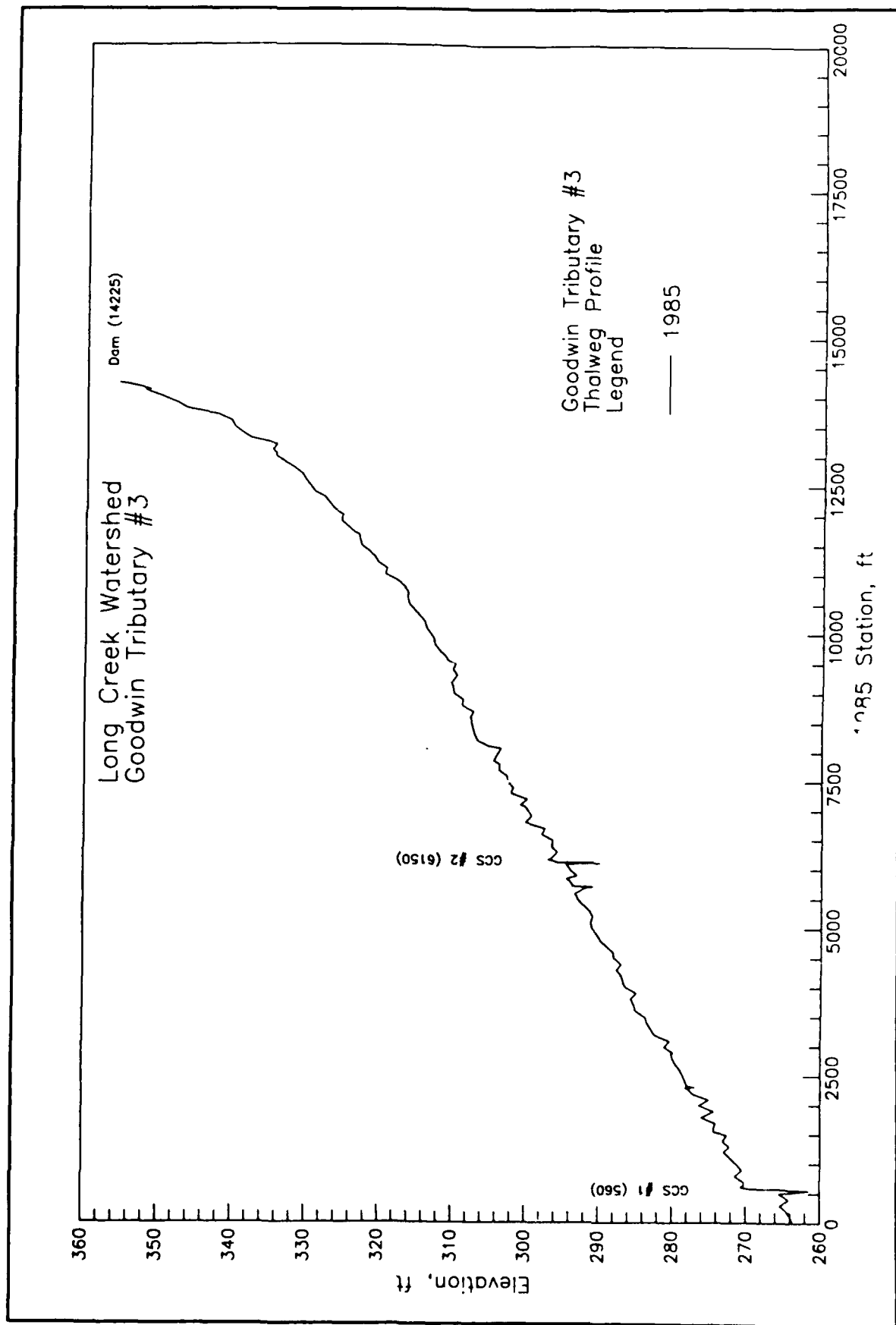


PLATE B6



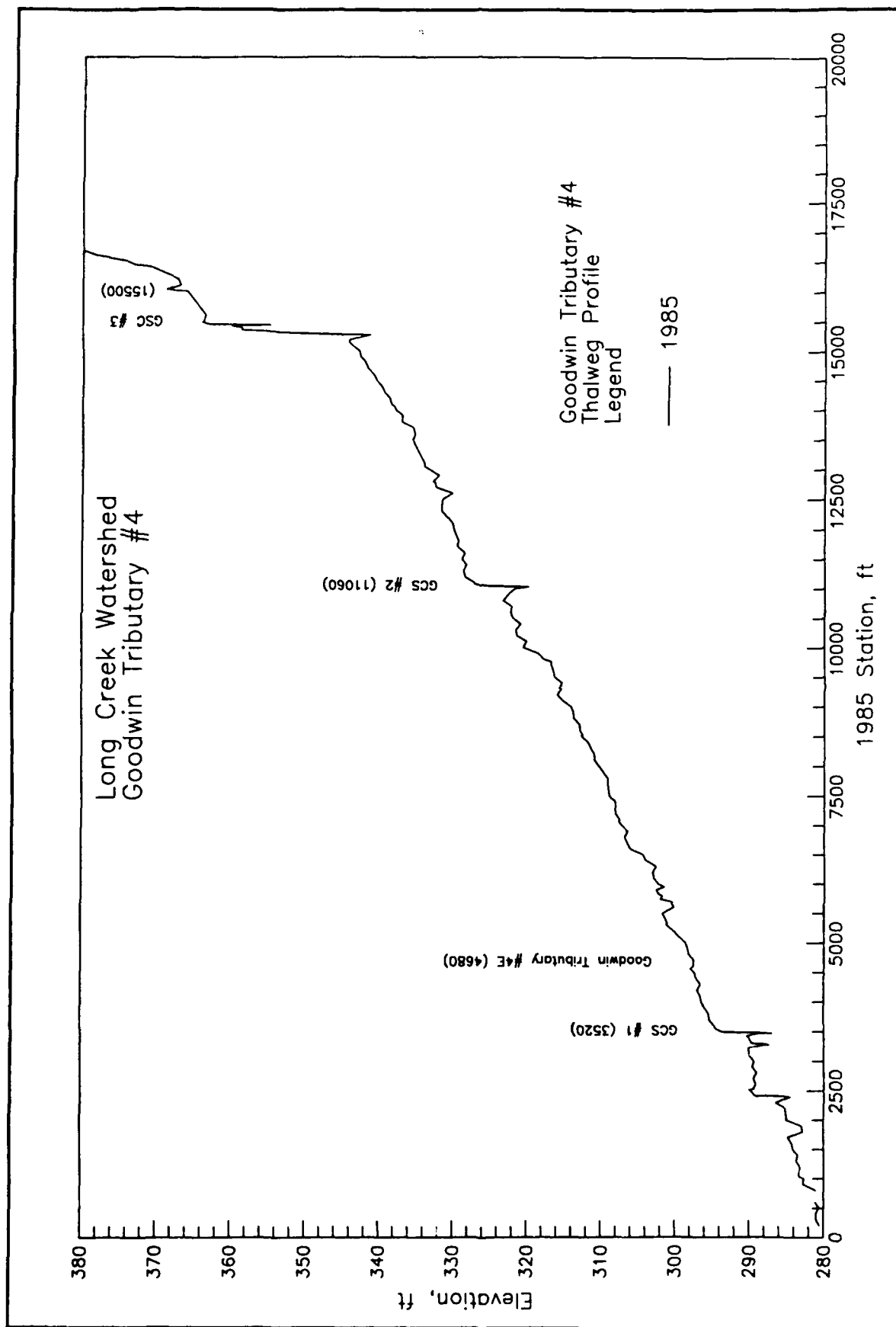


PLATE B8

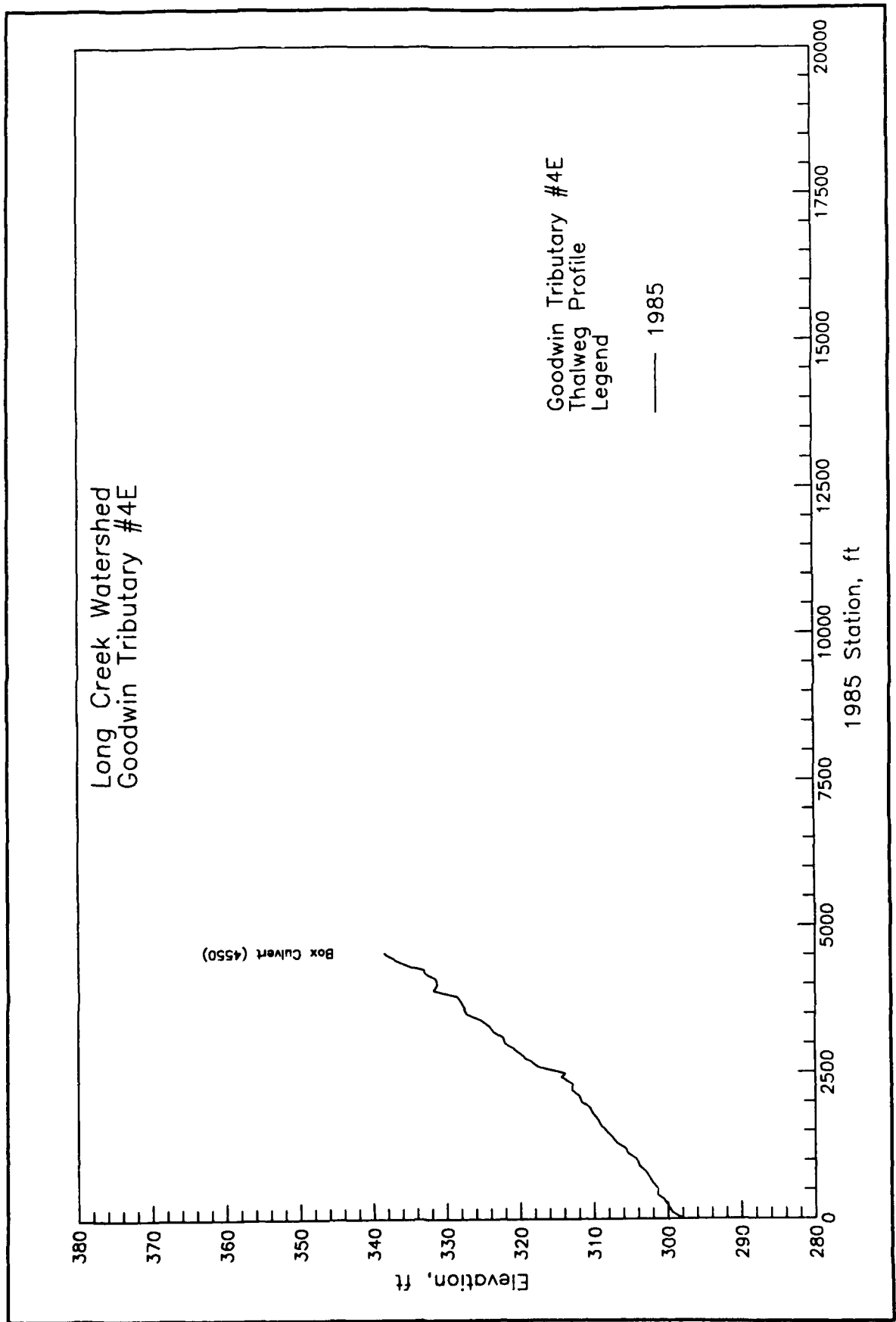
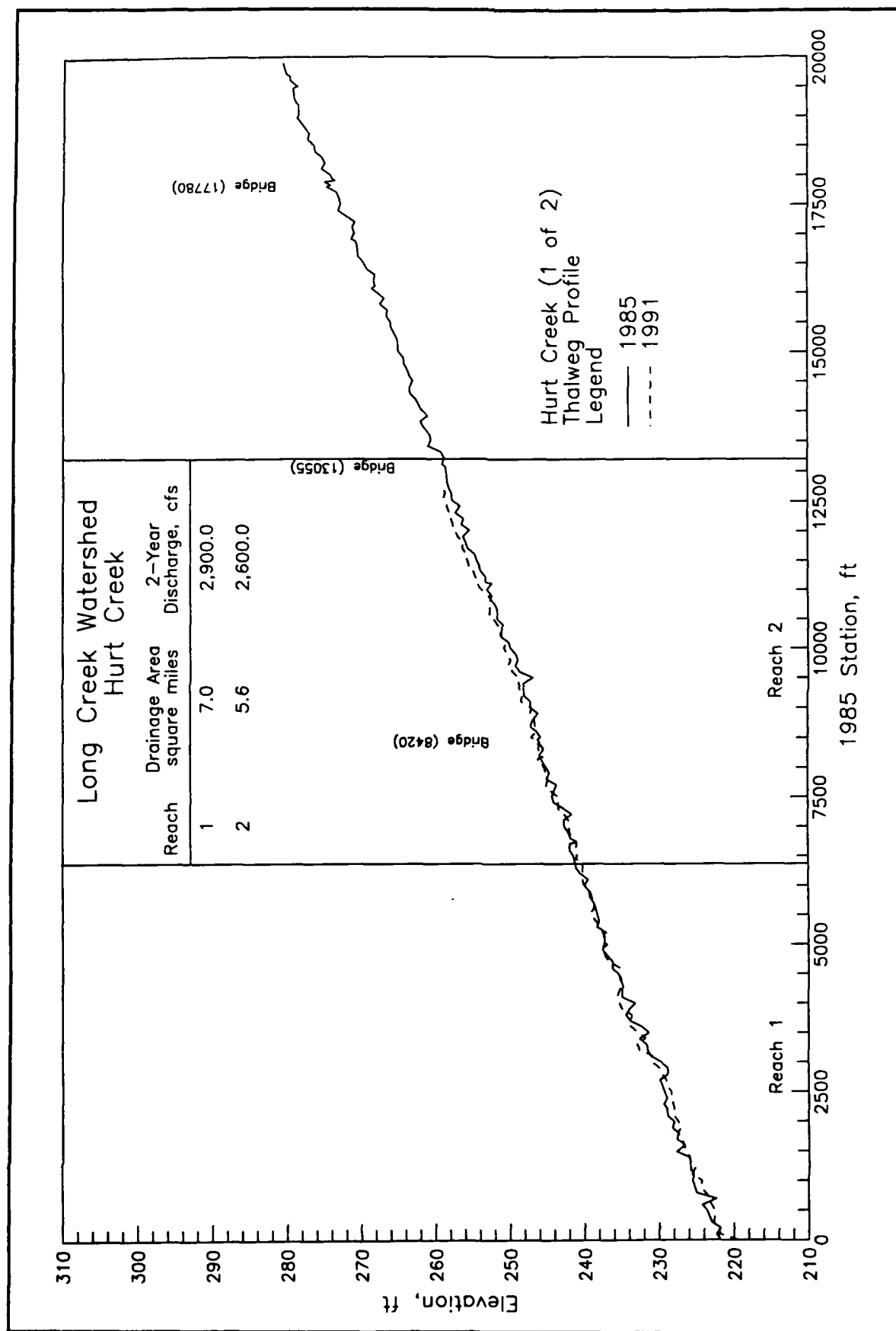
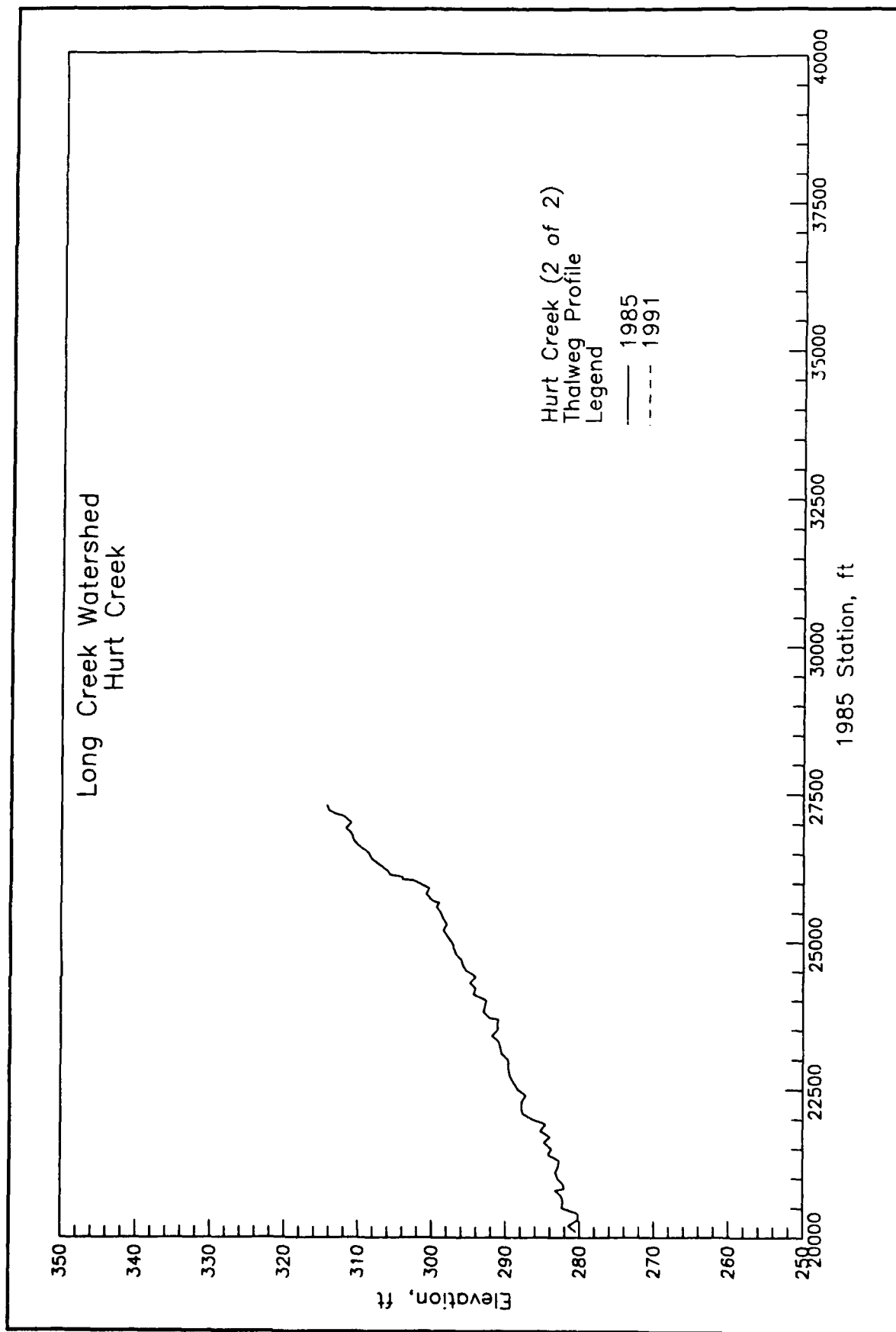
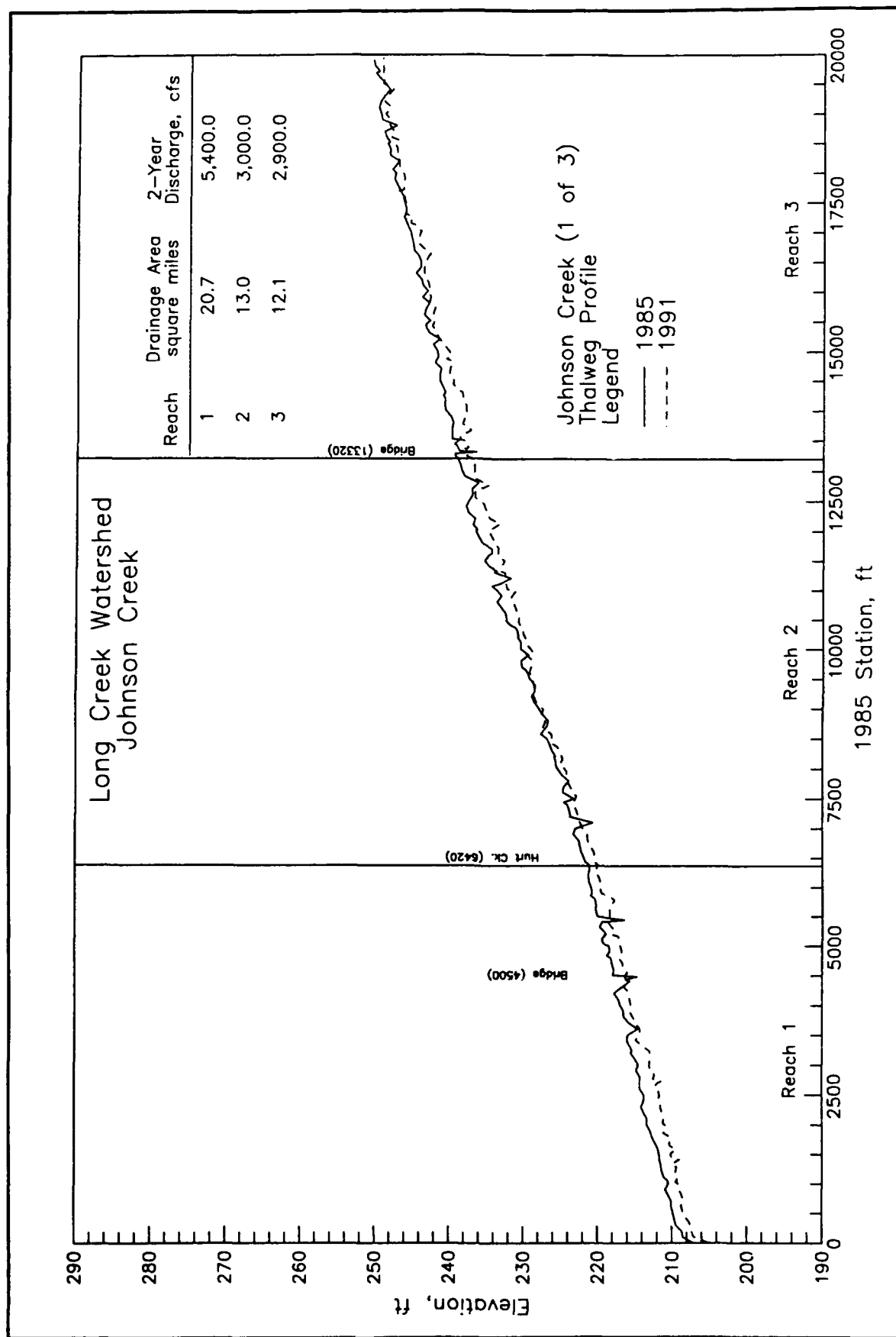
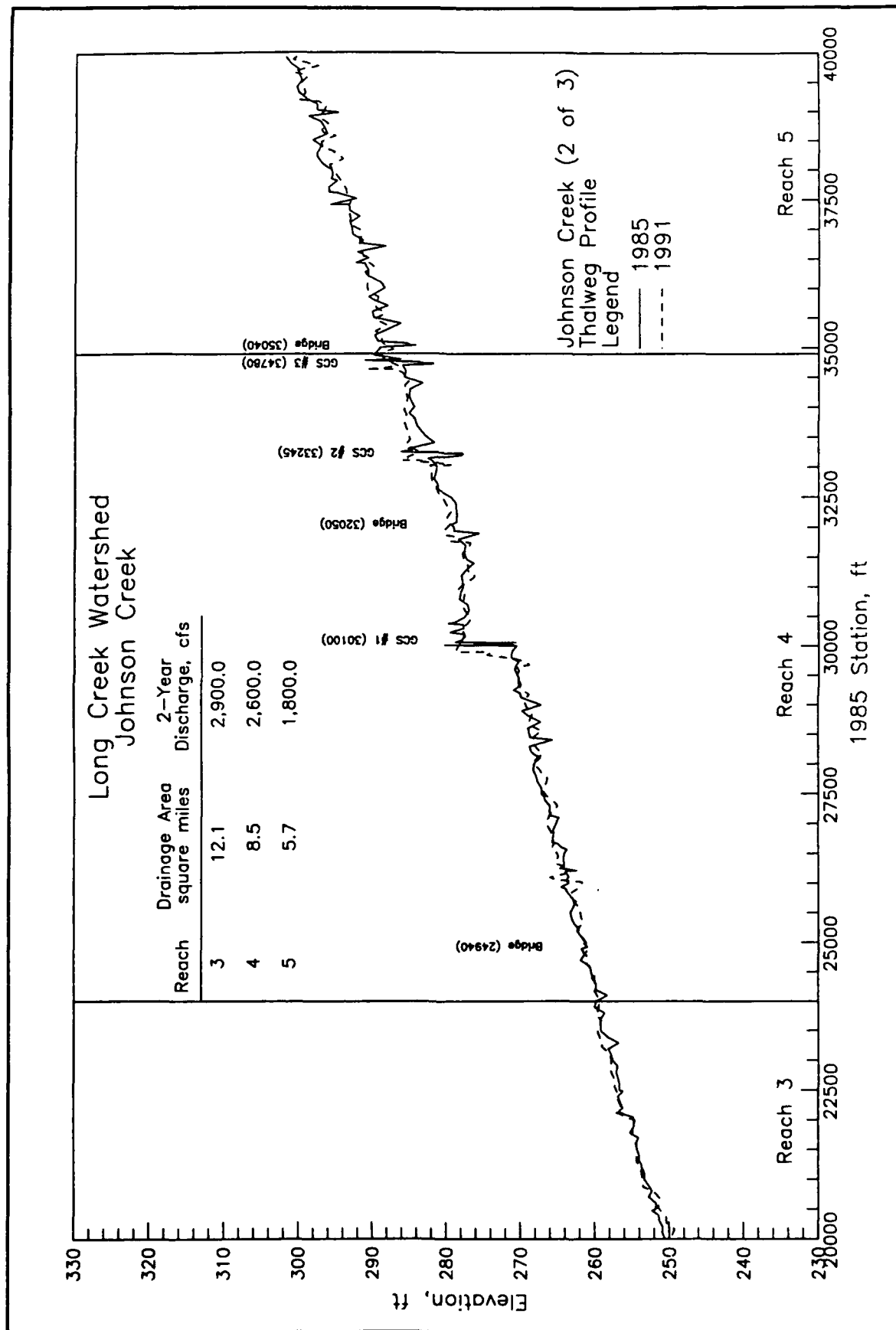


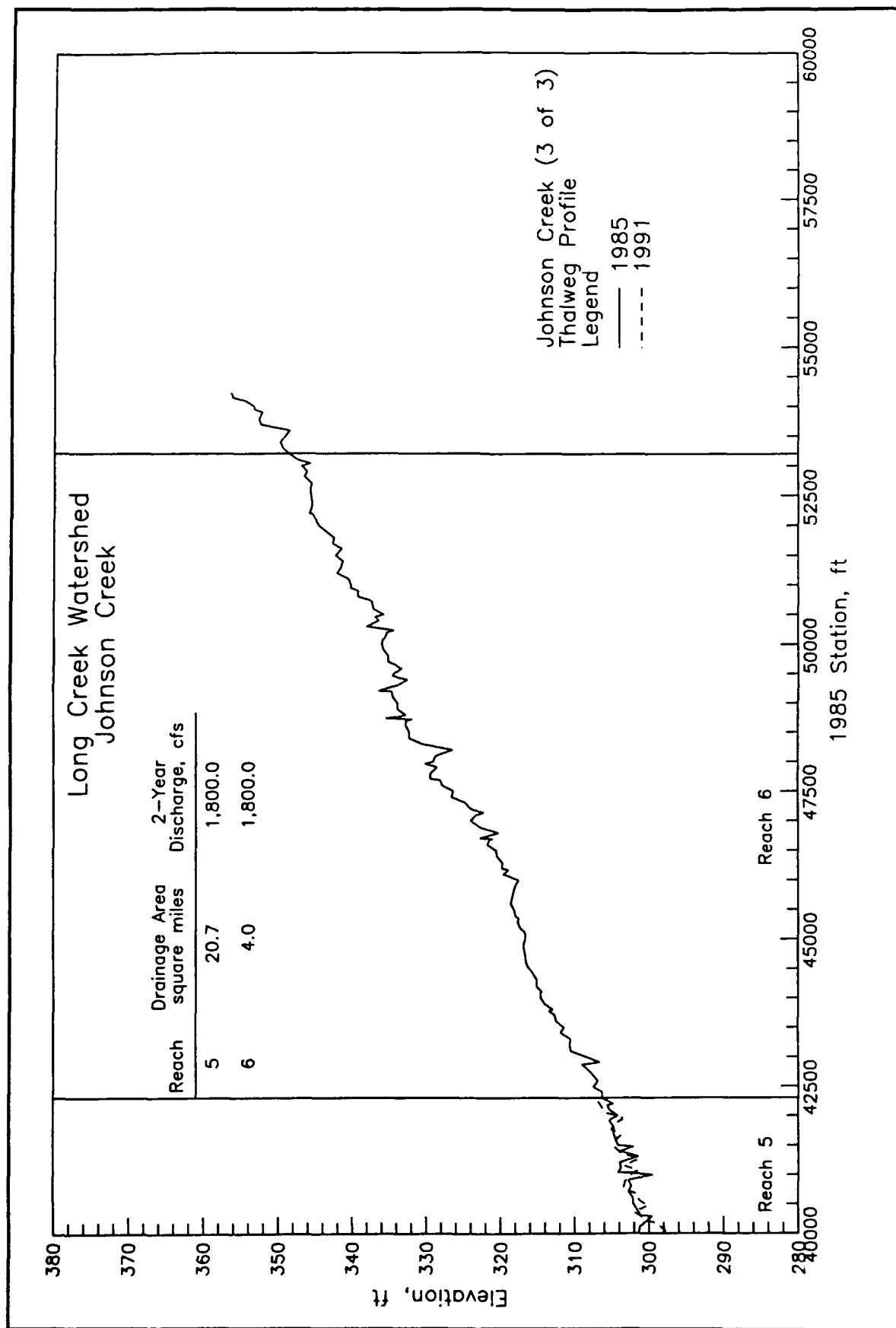
PLATE B10











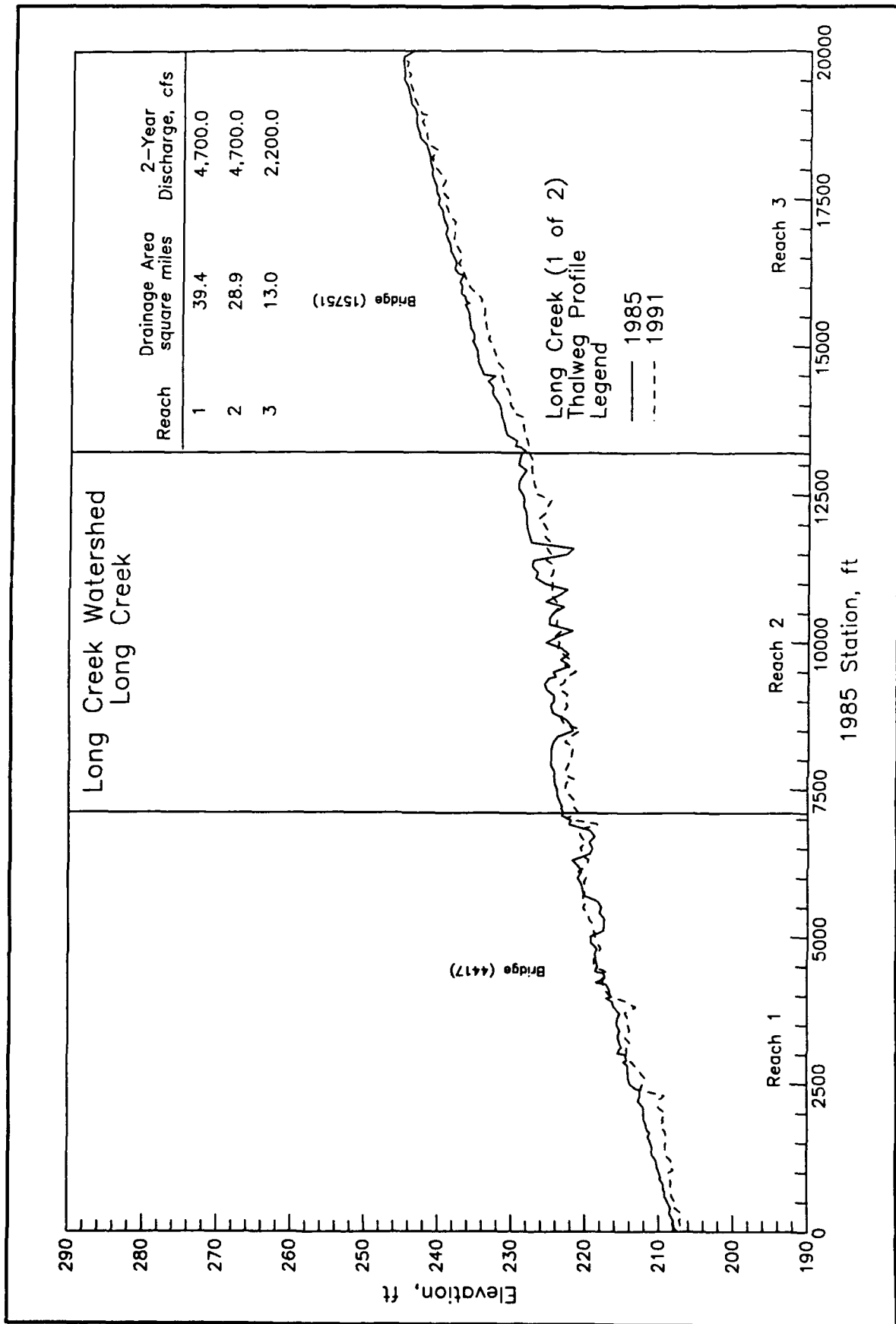
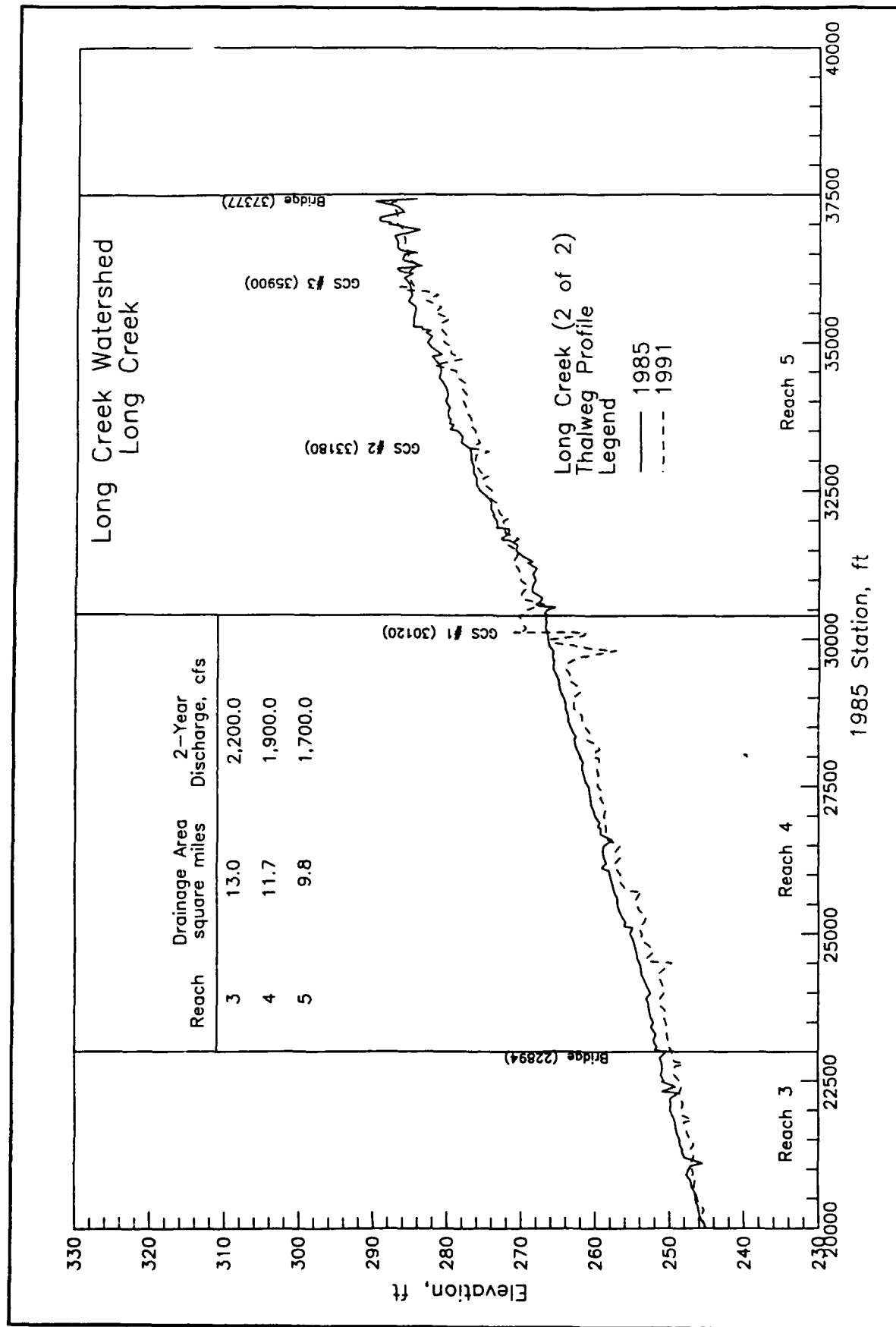


PLATE B15

PLATE B16



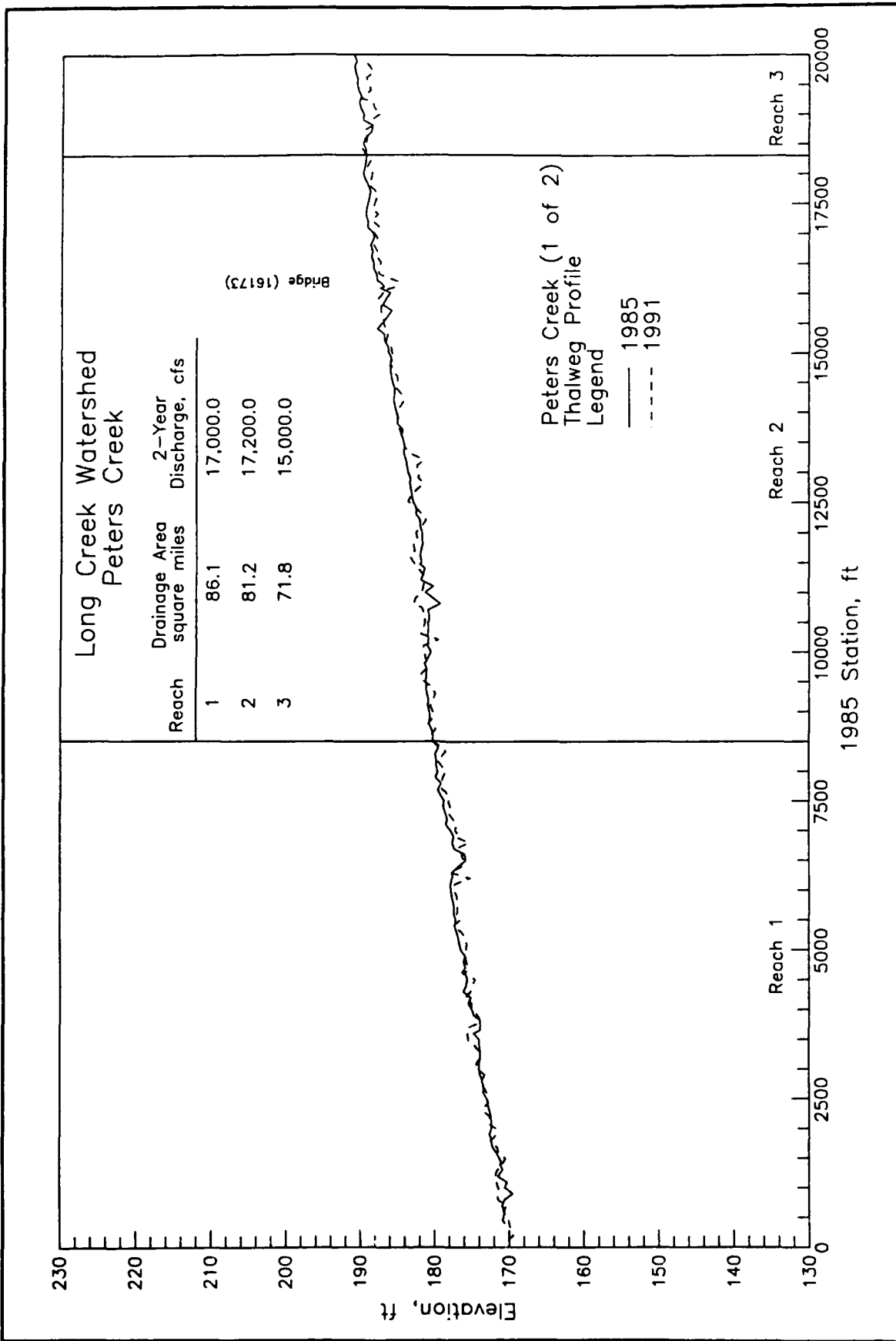
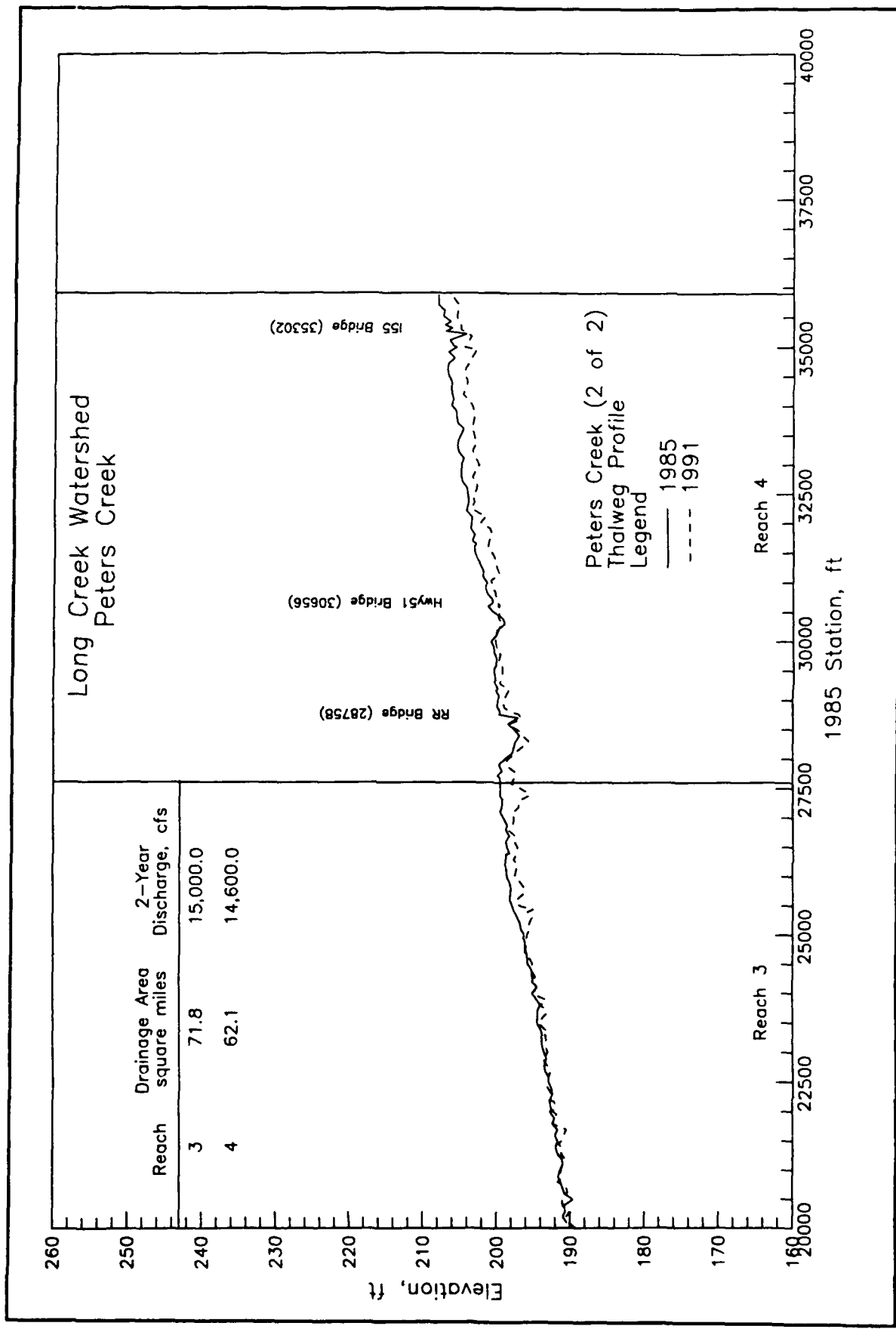


PLATE B18



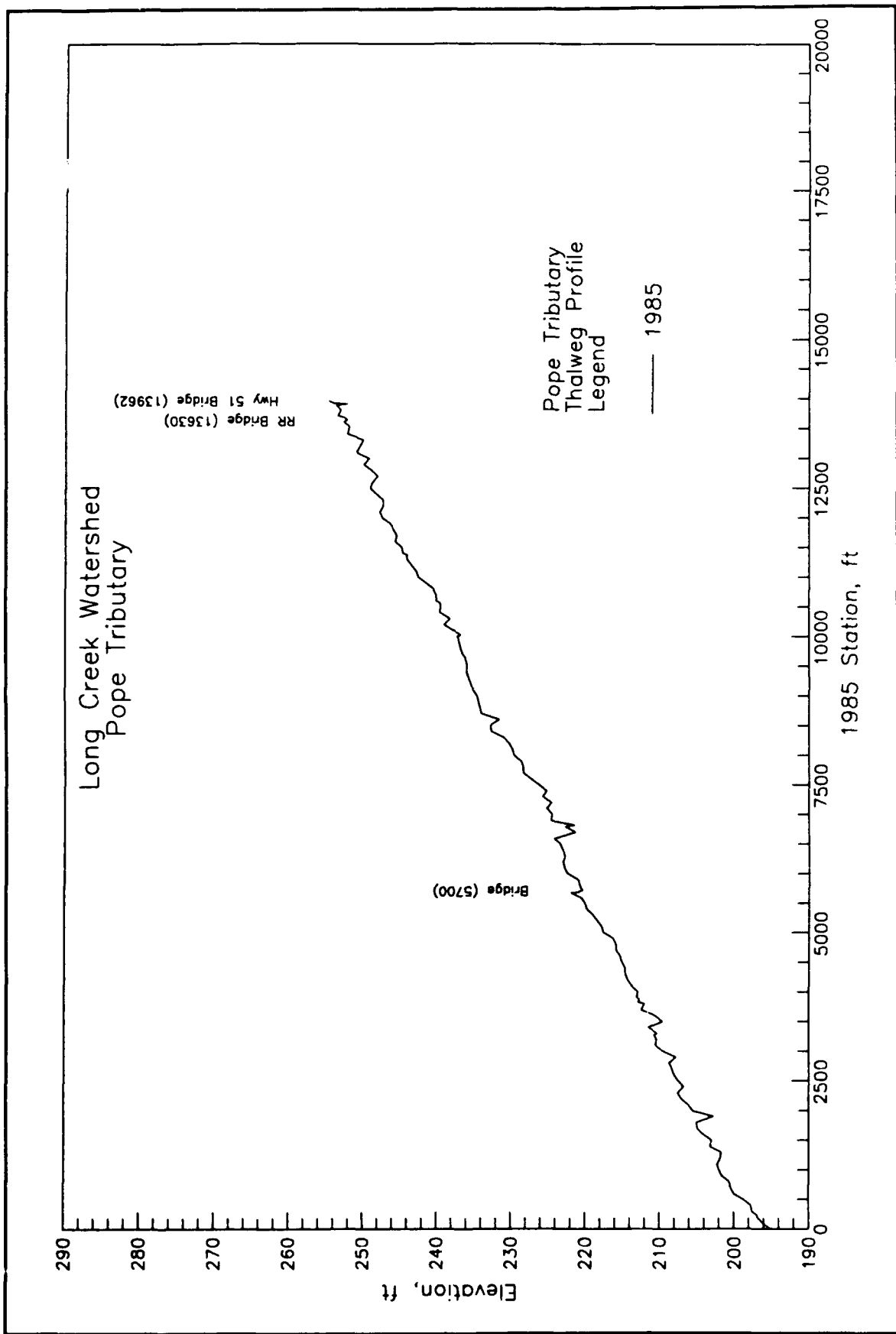
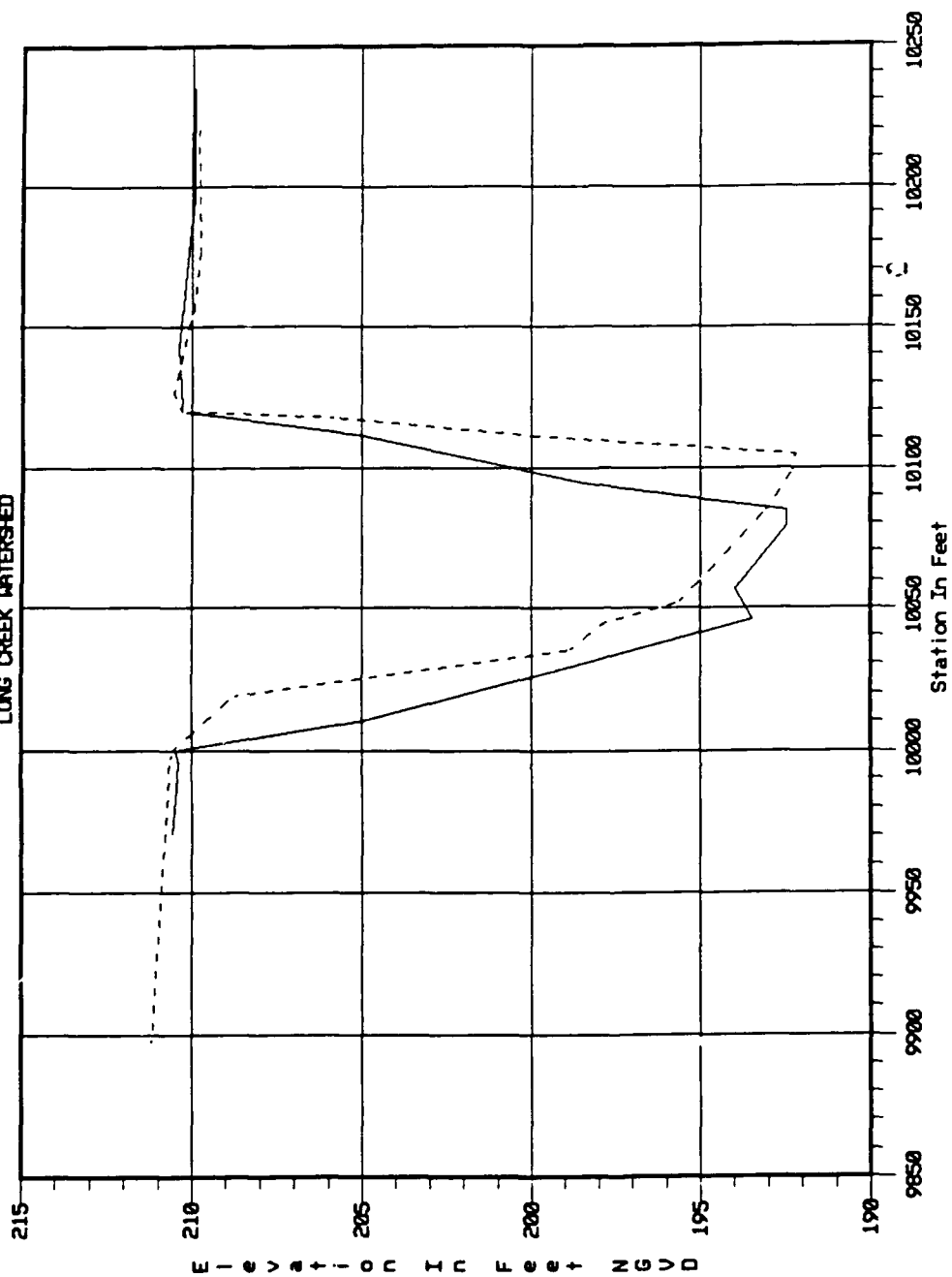


PLATE B19

LONG CREEK WATERSHED



BOBO 1985 XSEC 500.0
BOBO 1991 XSEC 5.00

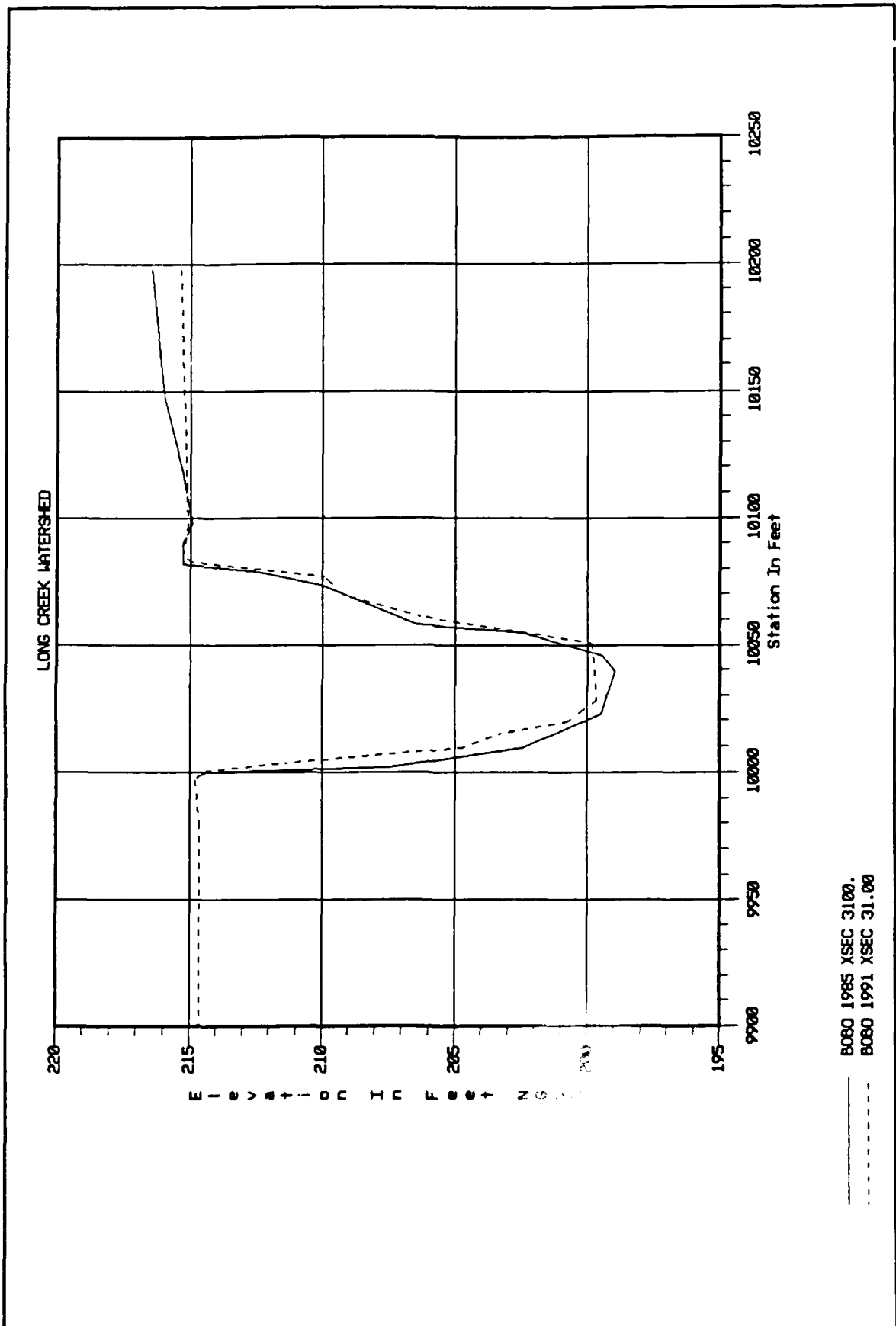
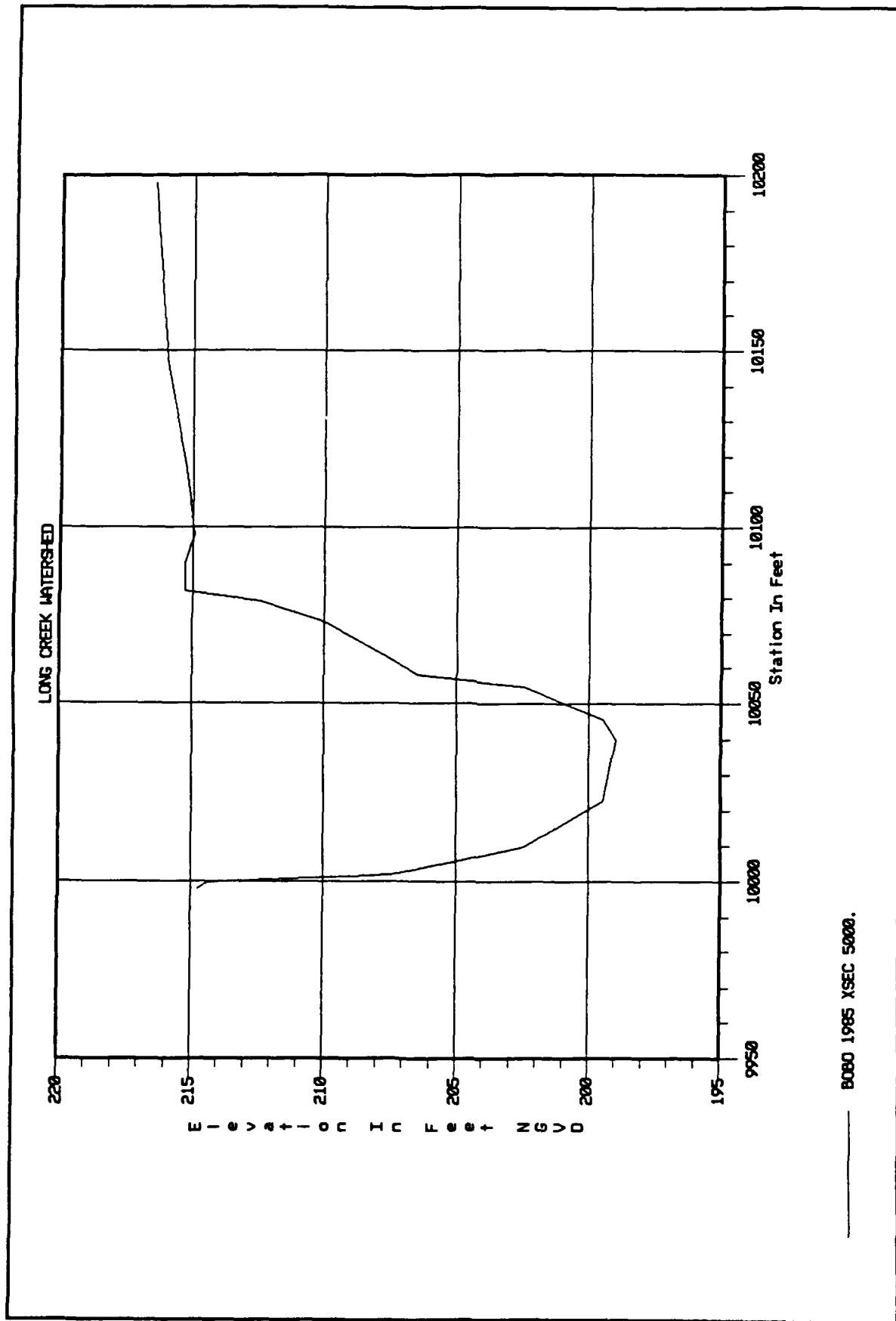
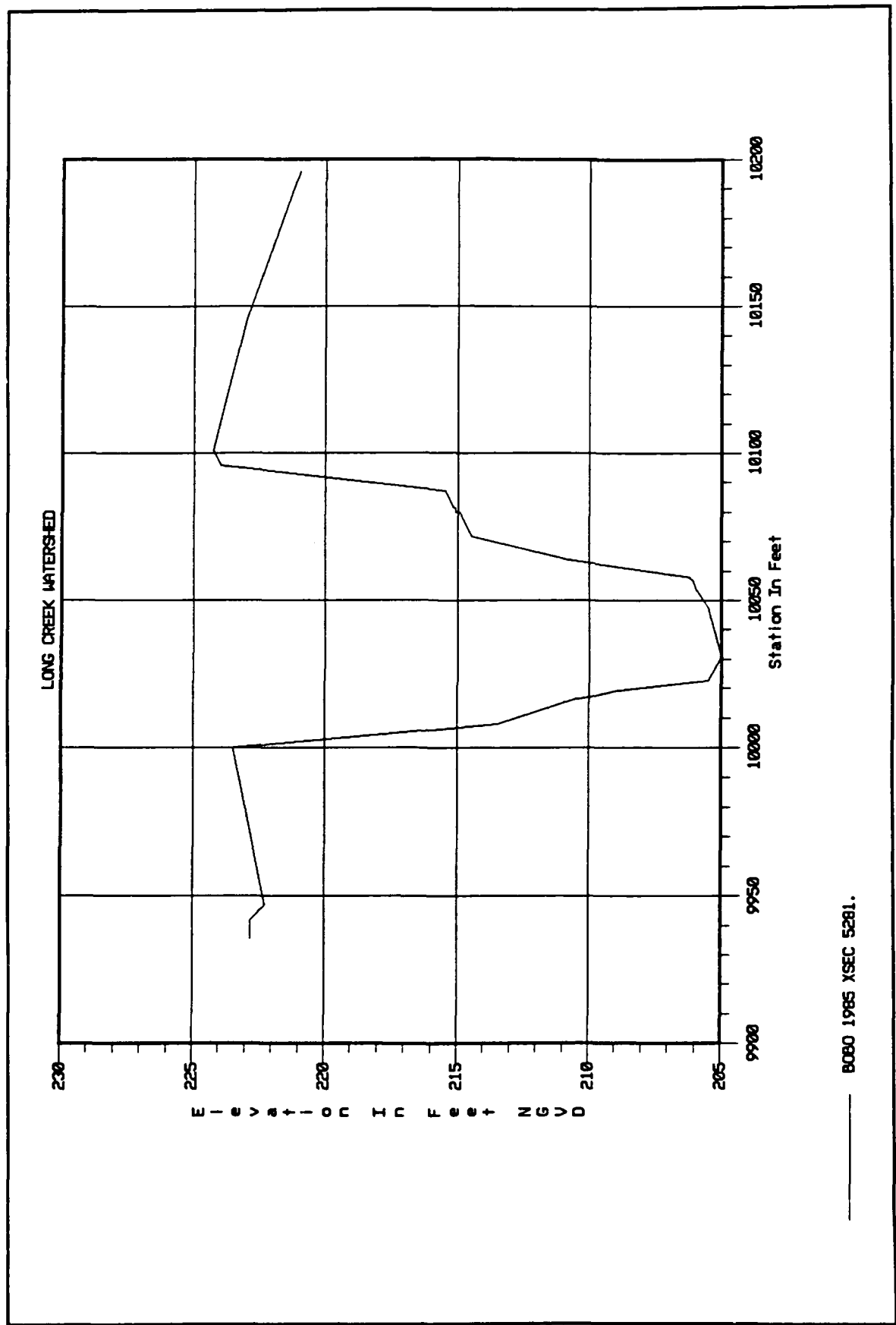


PLATE B22





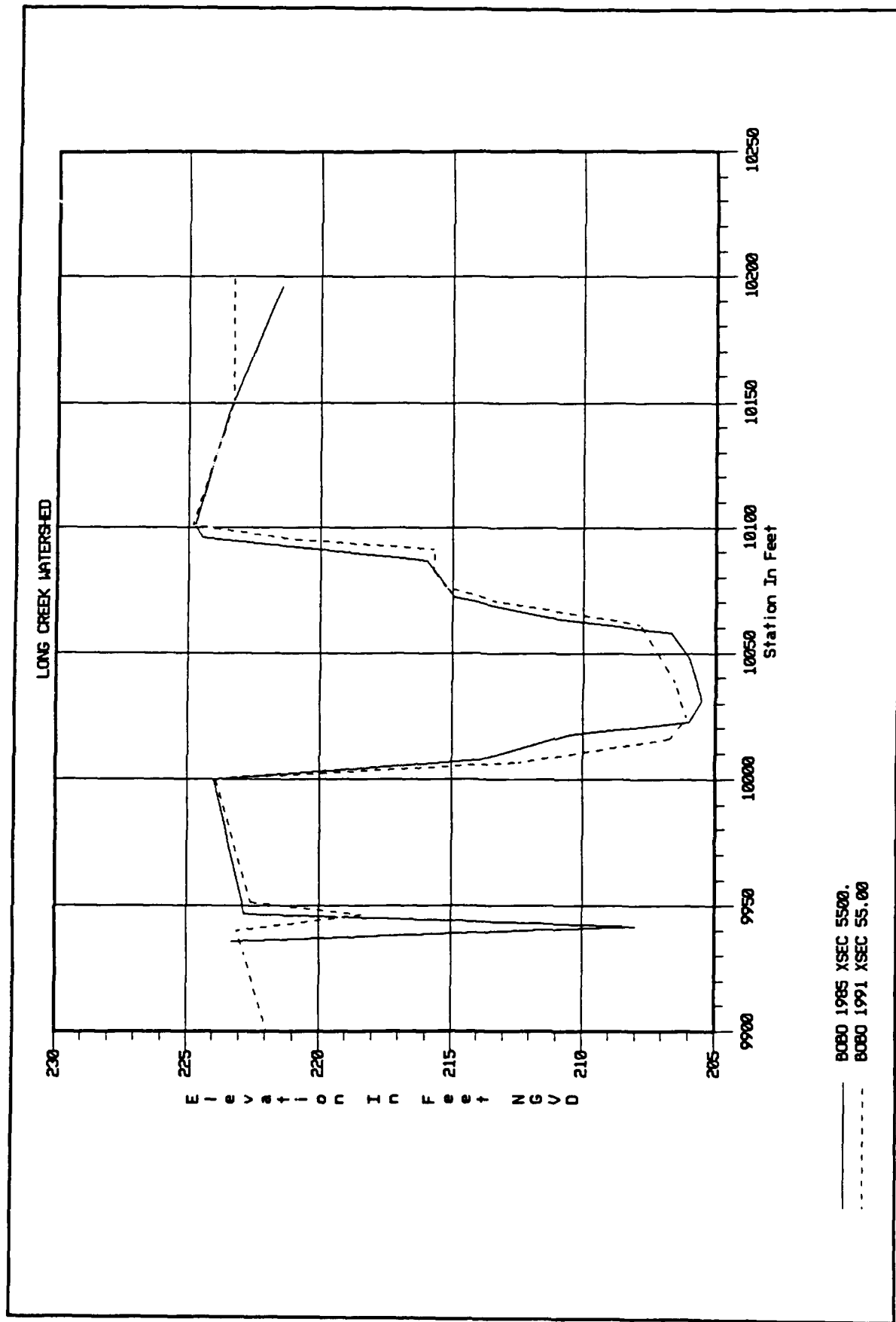
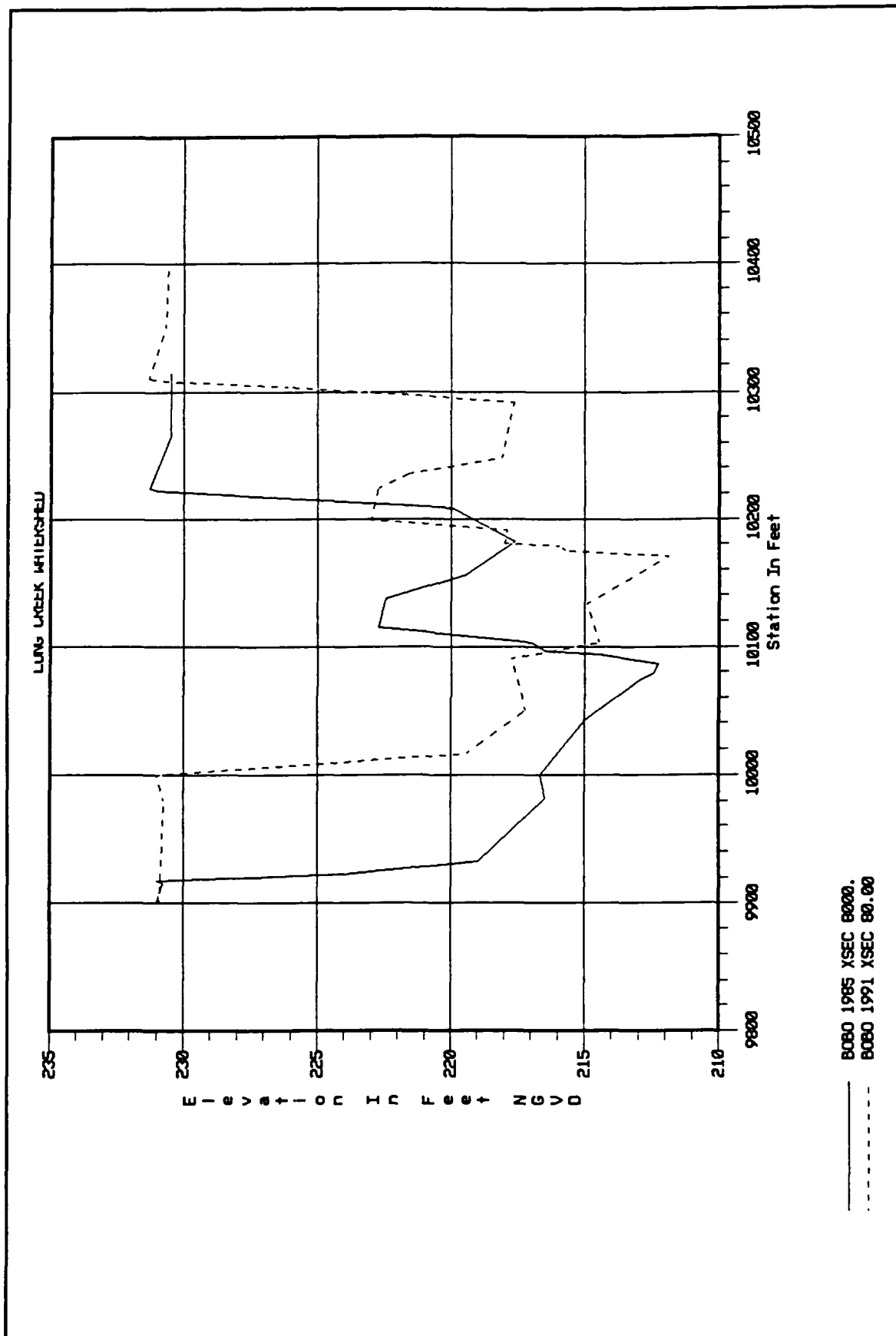


PLATE B24



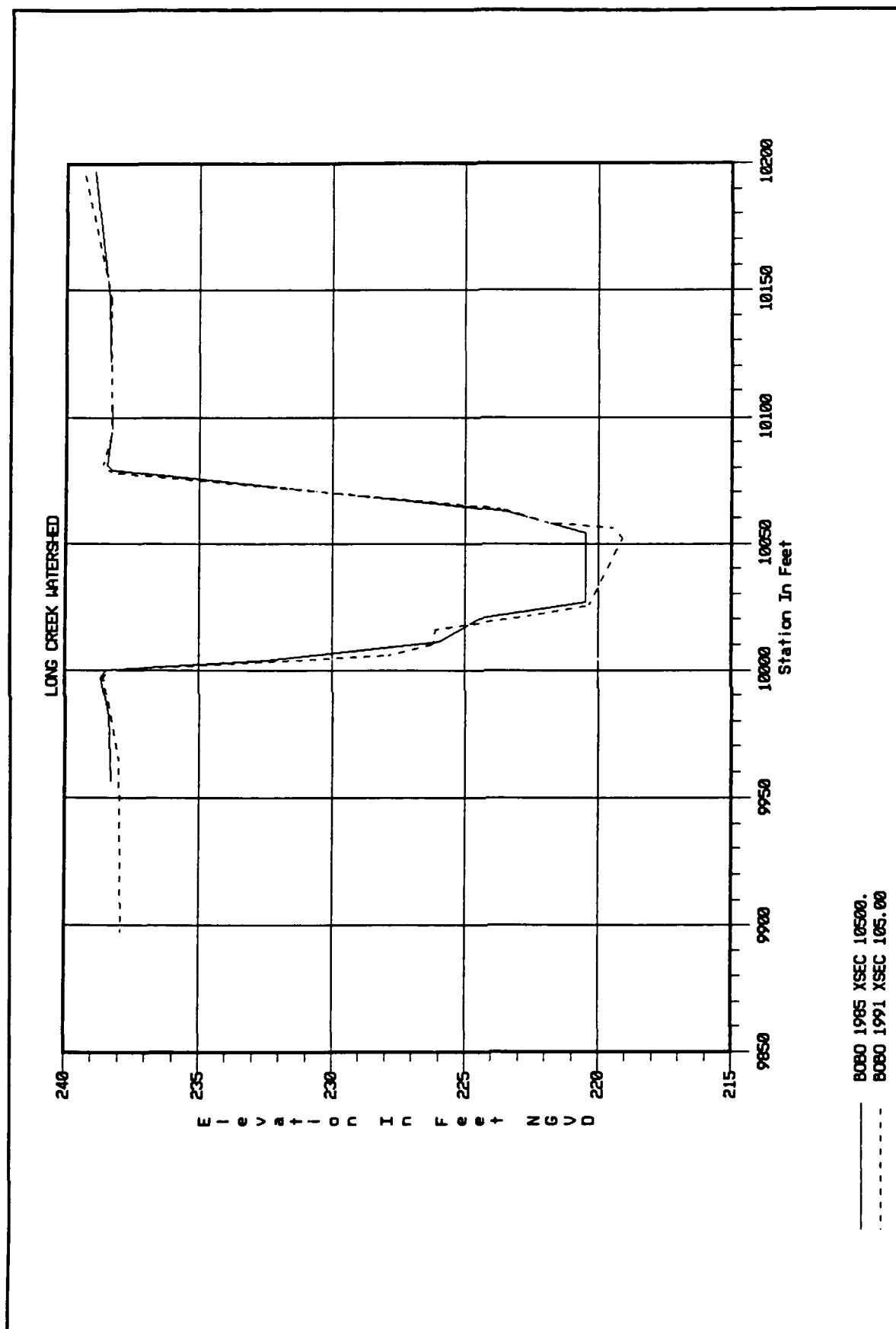
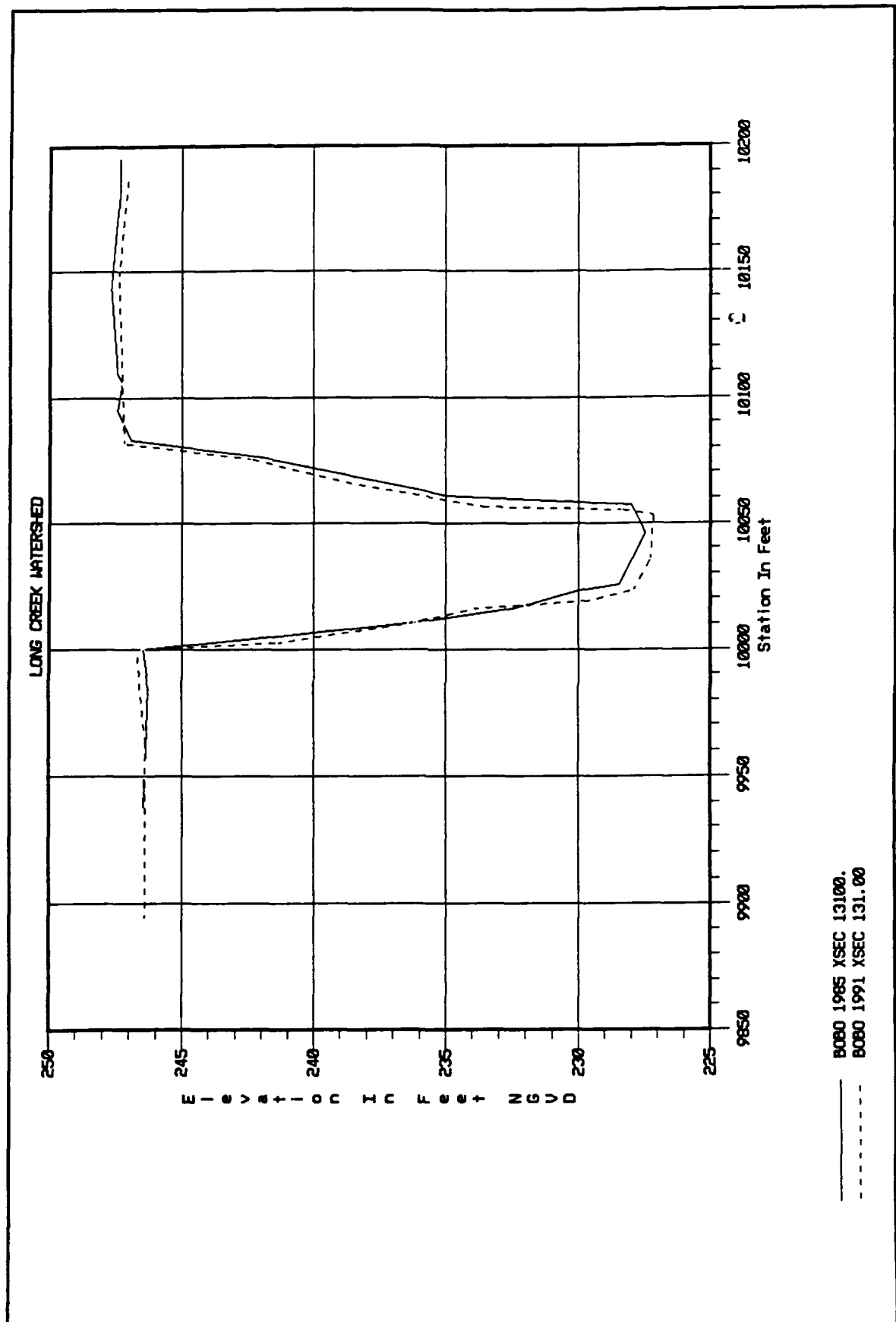


PLATE B26



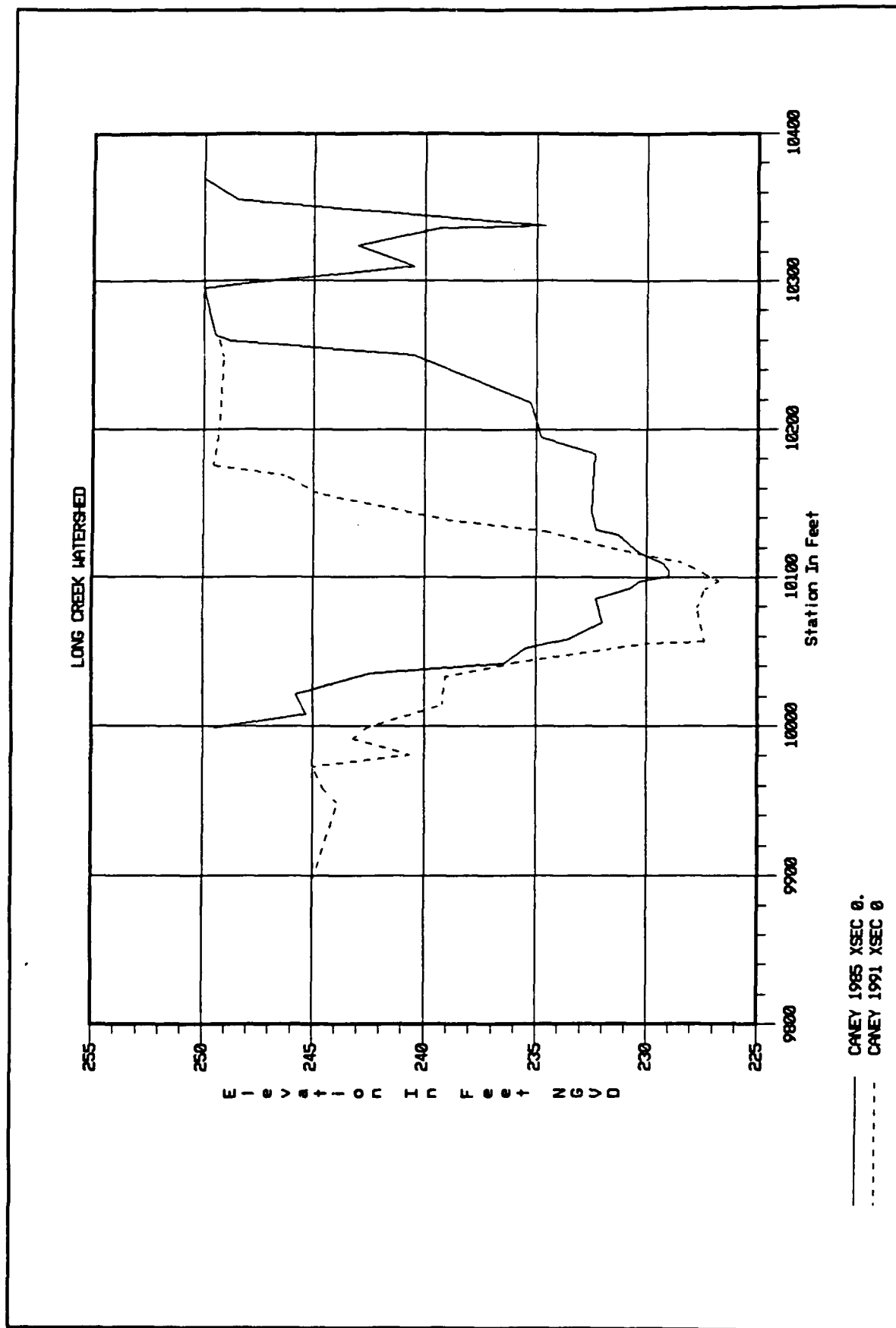
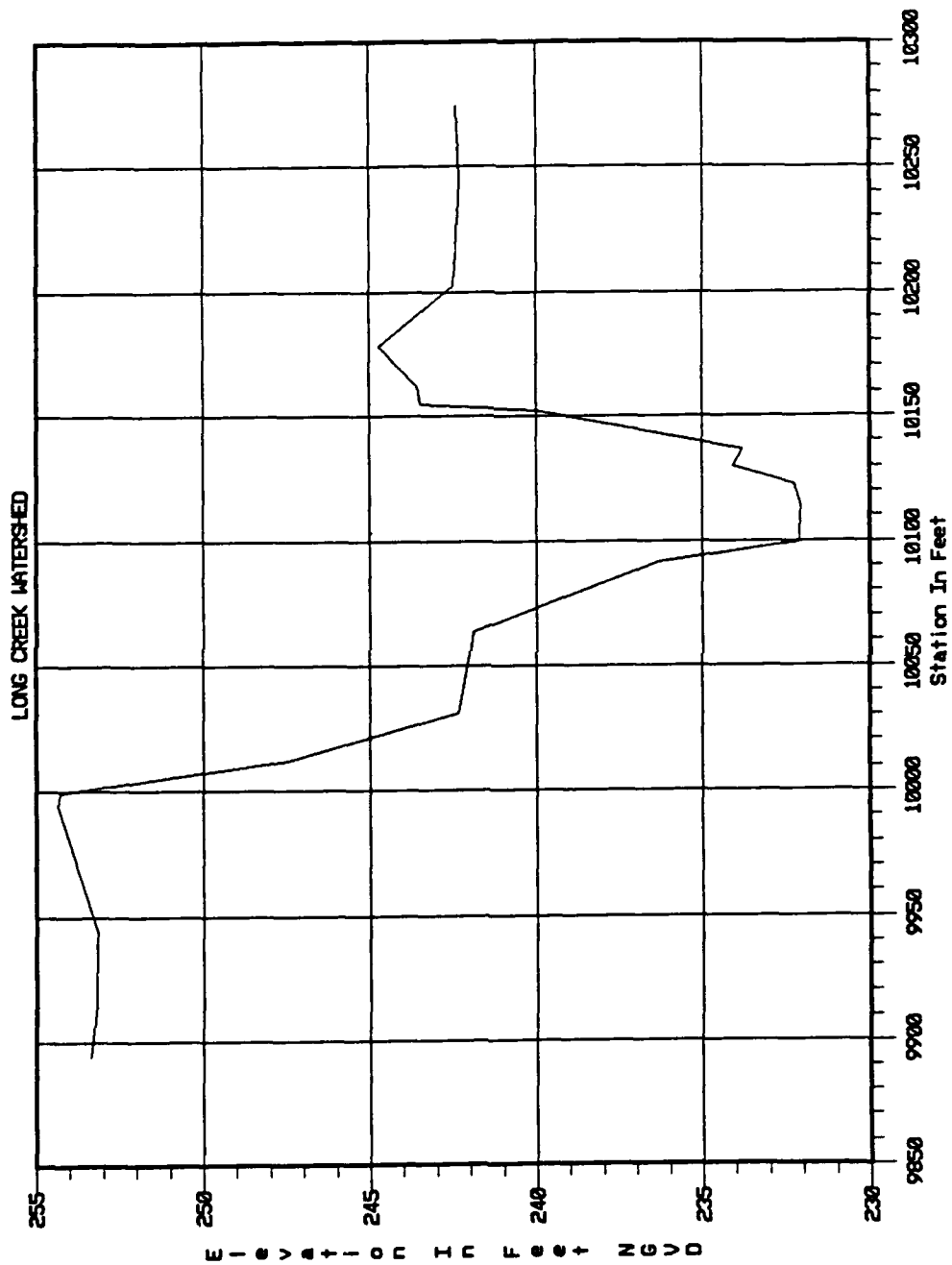
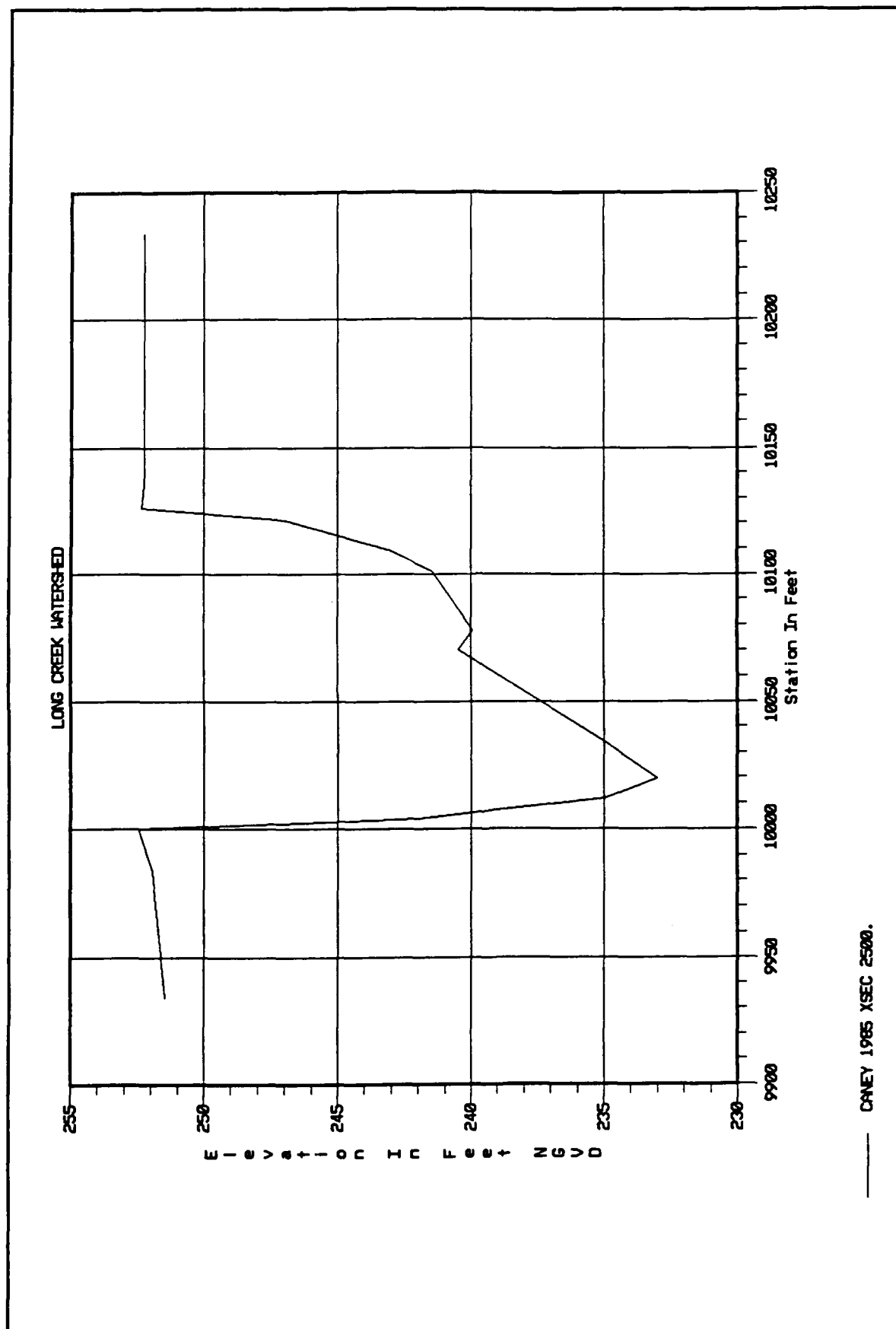
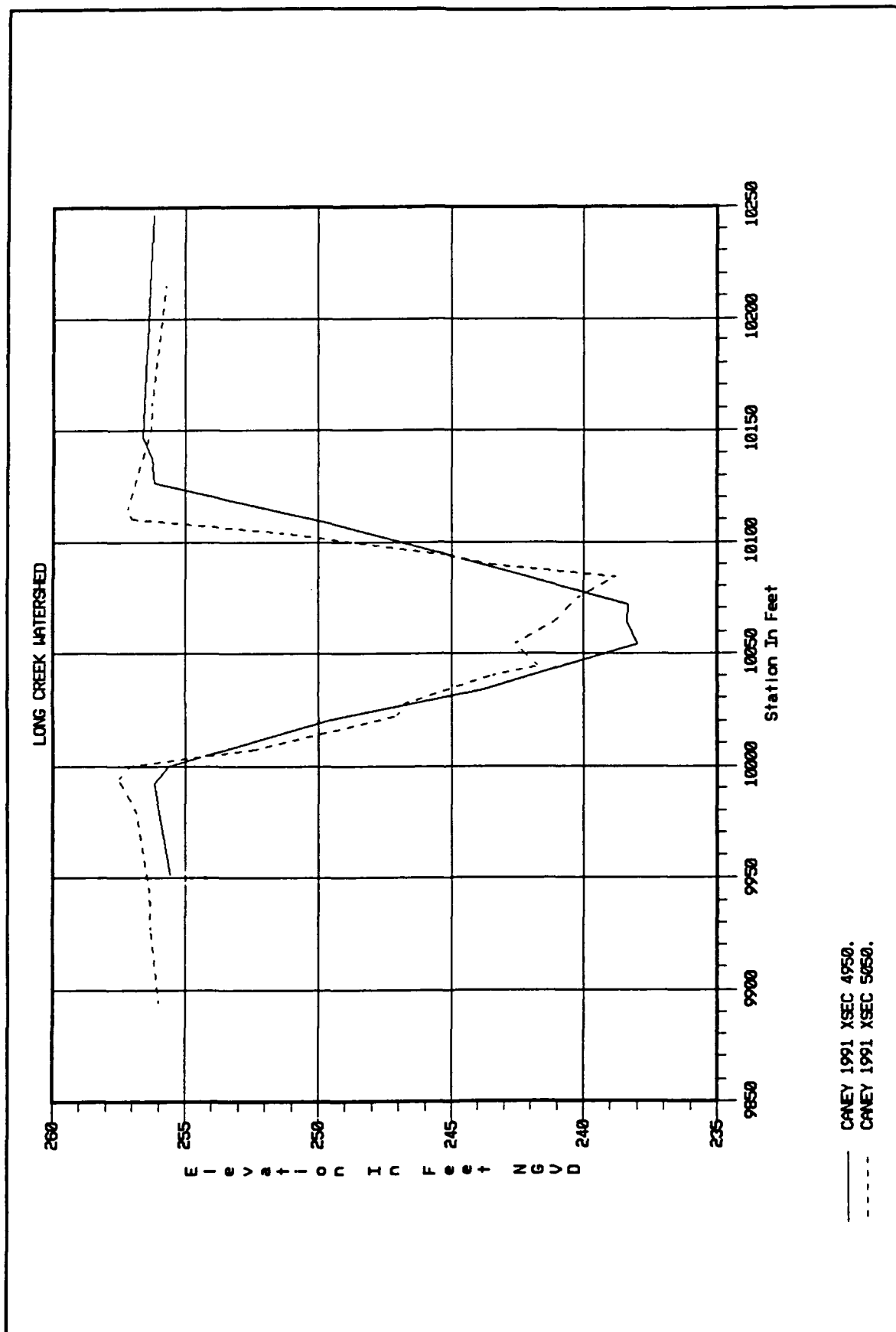


PLATE B28

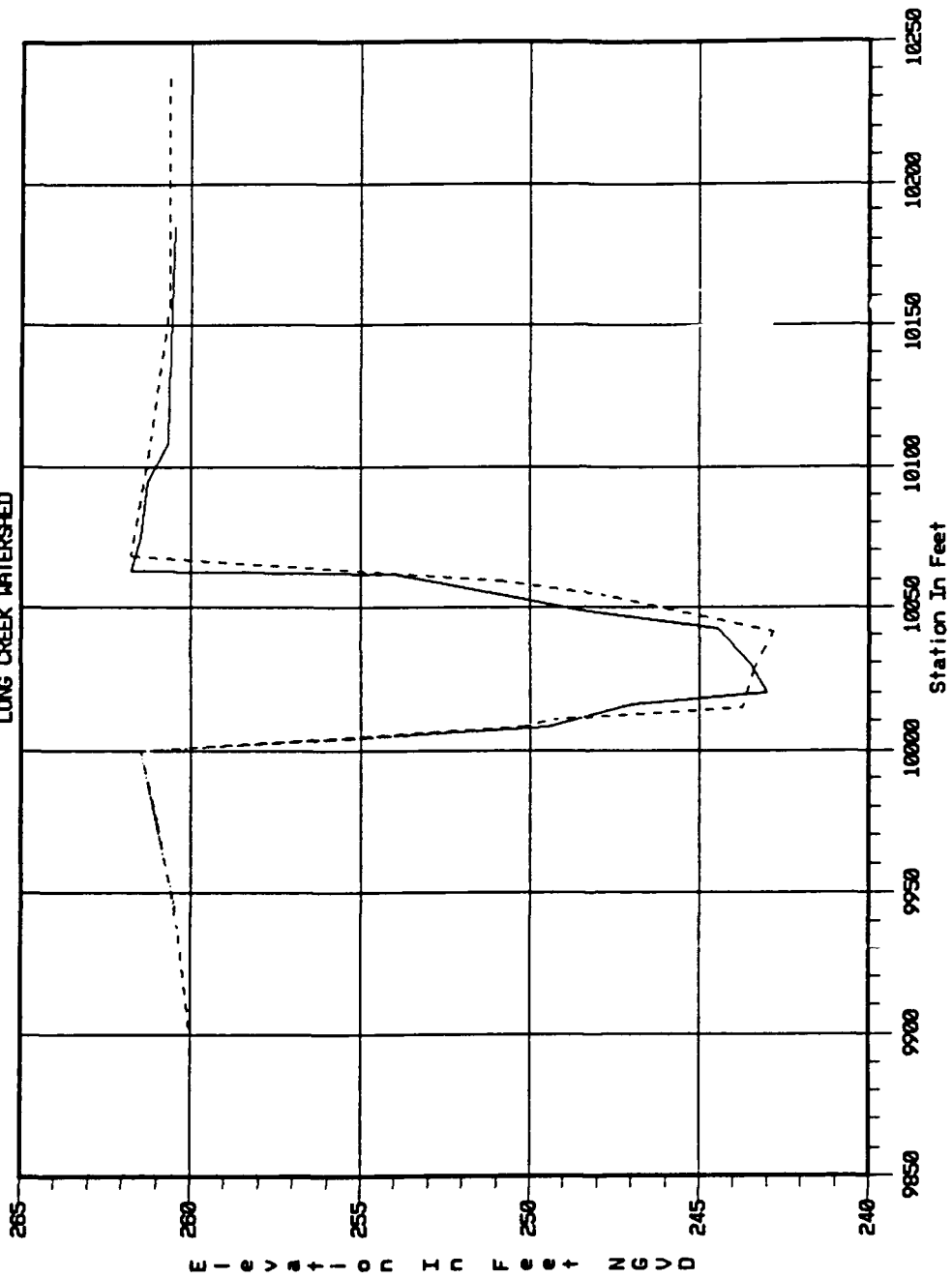


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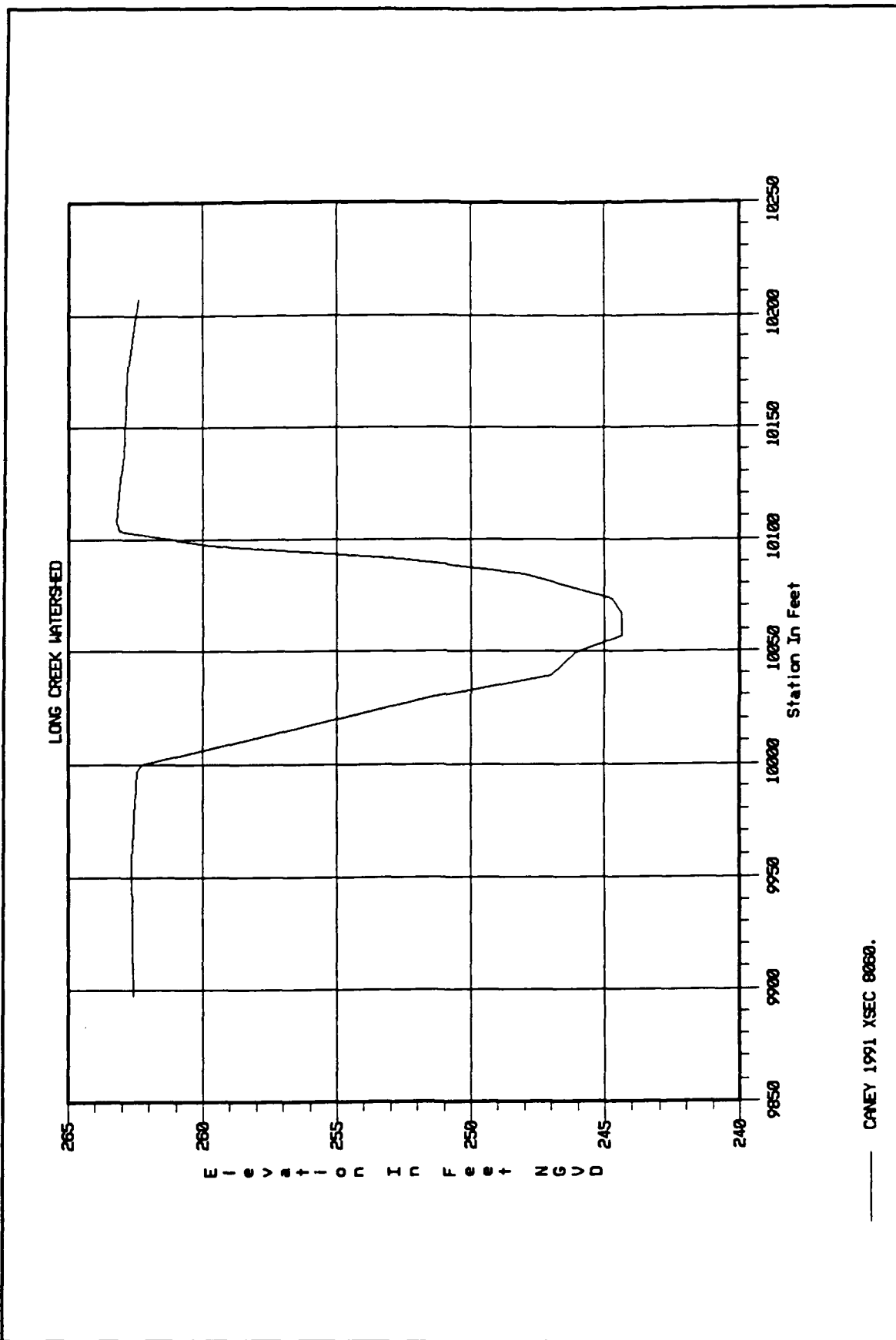


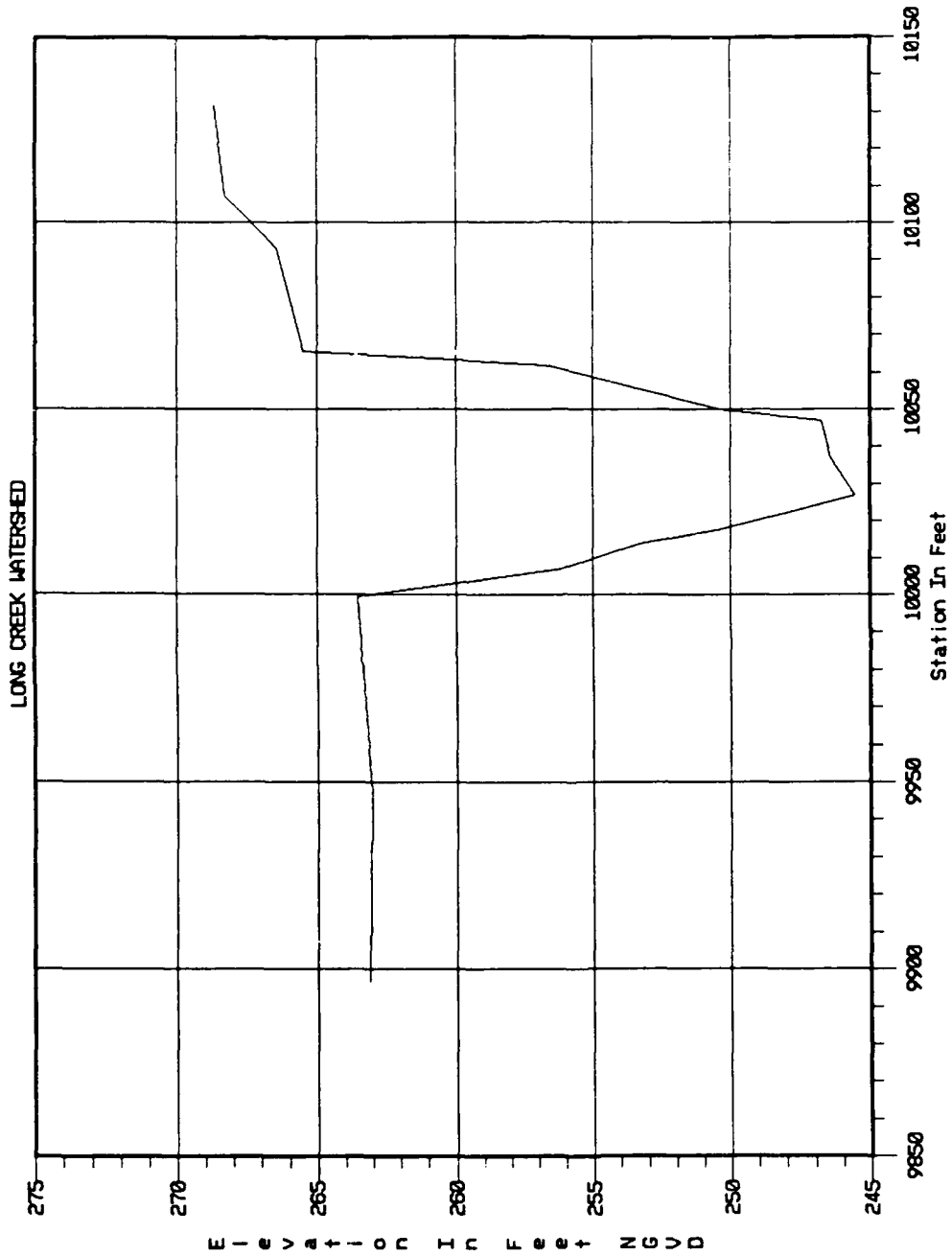


LONG CREEK WATERSHED

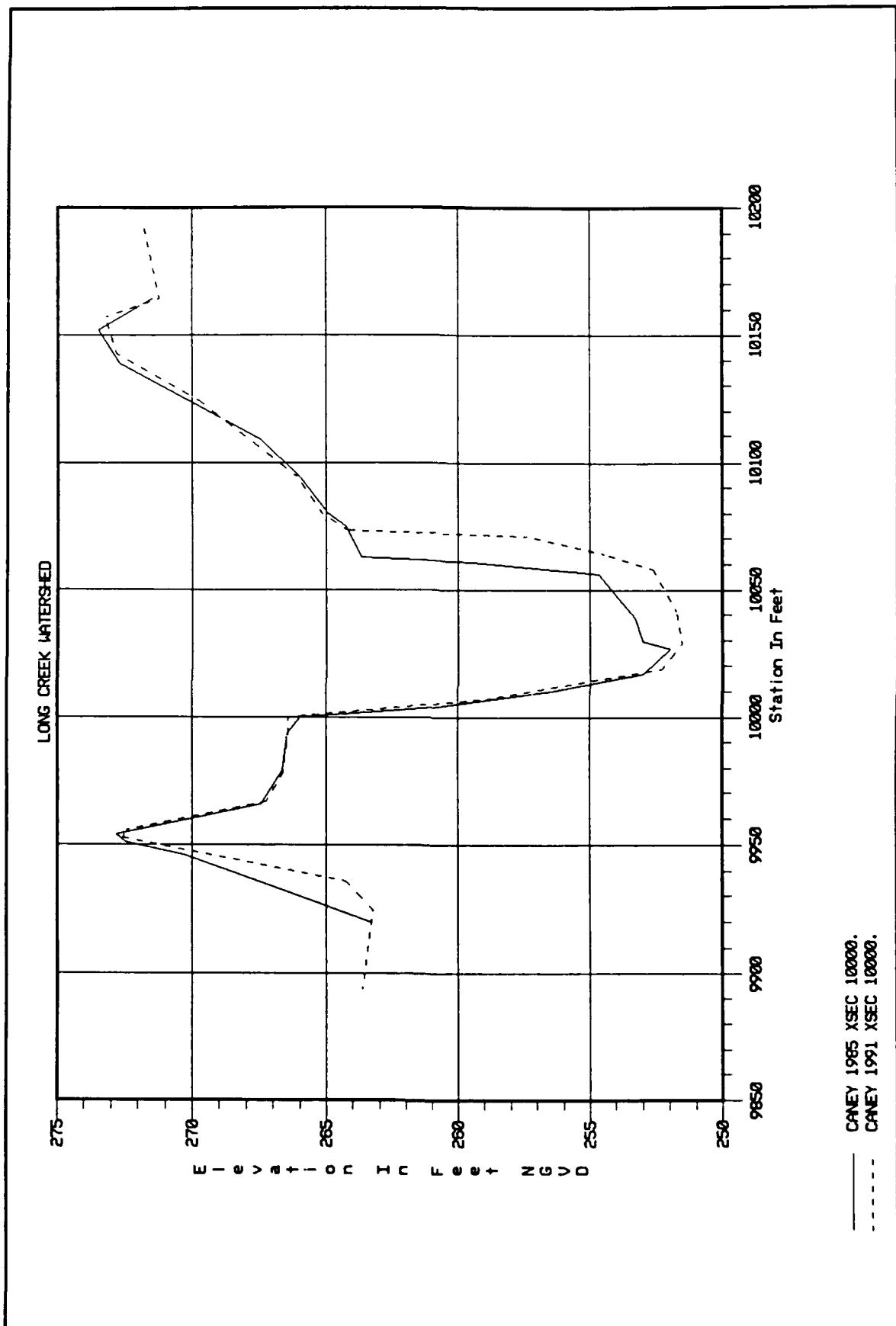


— CANEY 1985 XSEC 7500.
 - - - CANEY 1991 XSEC 7500.





— CANEY 1991 XSEC 8280.



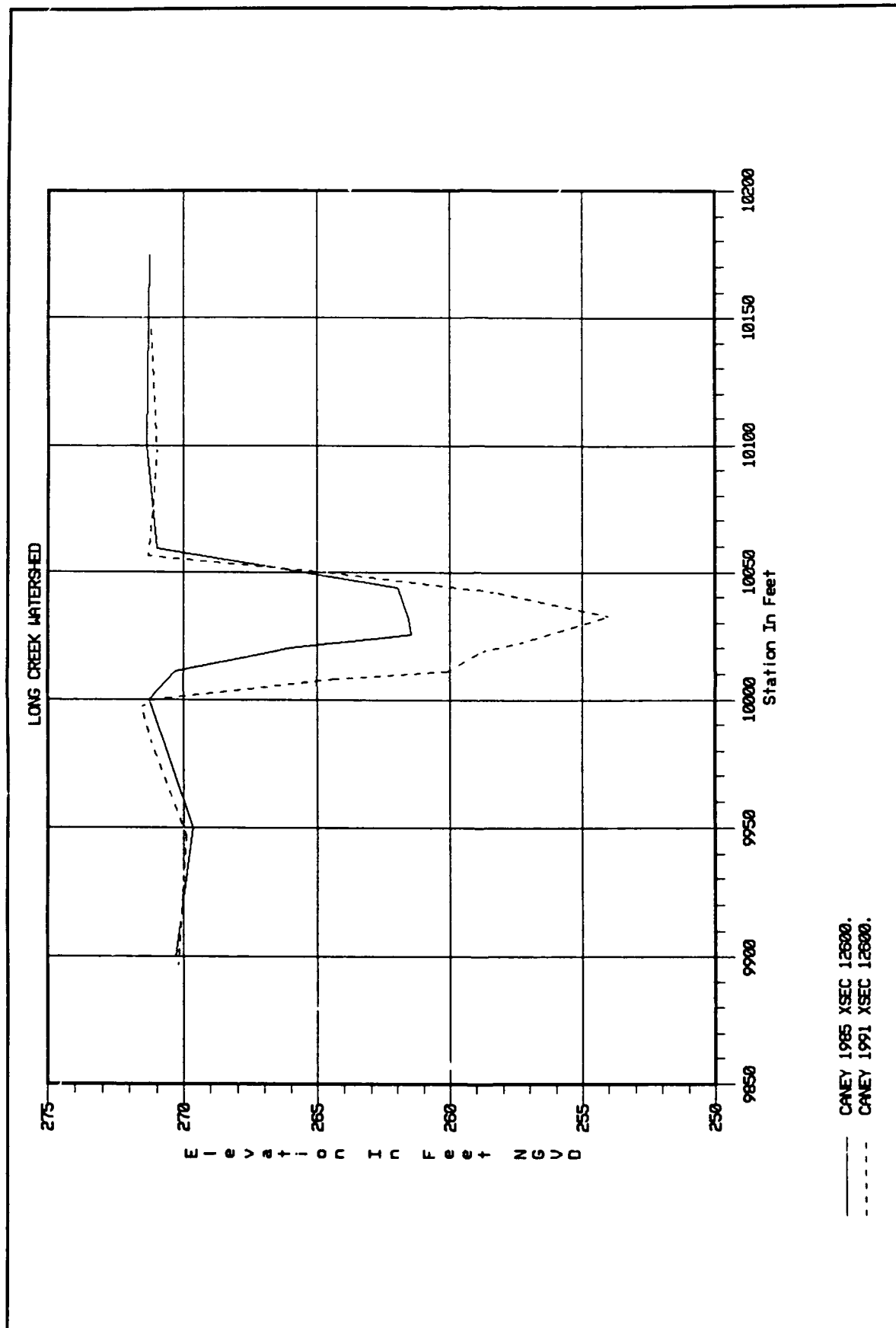
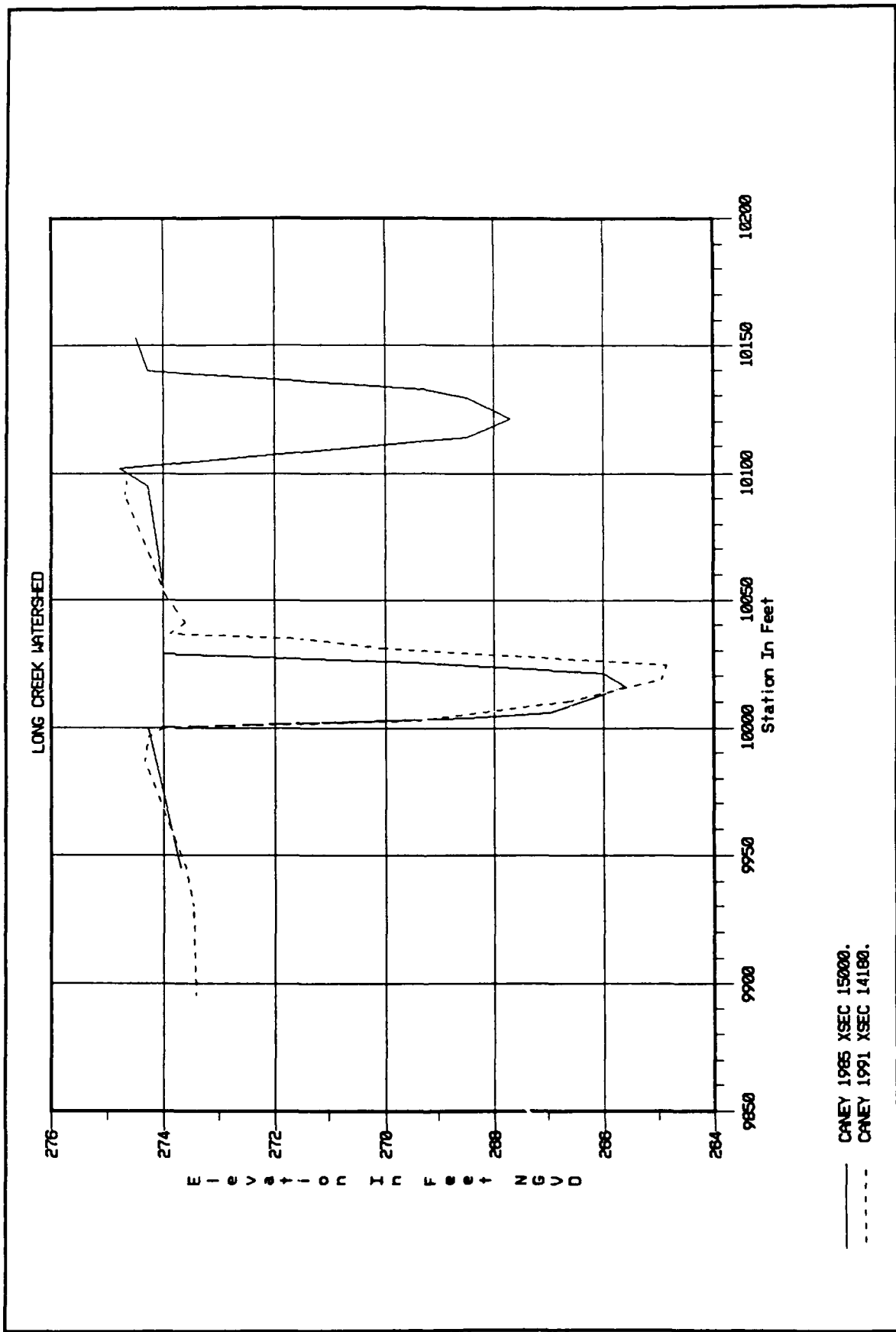
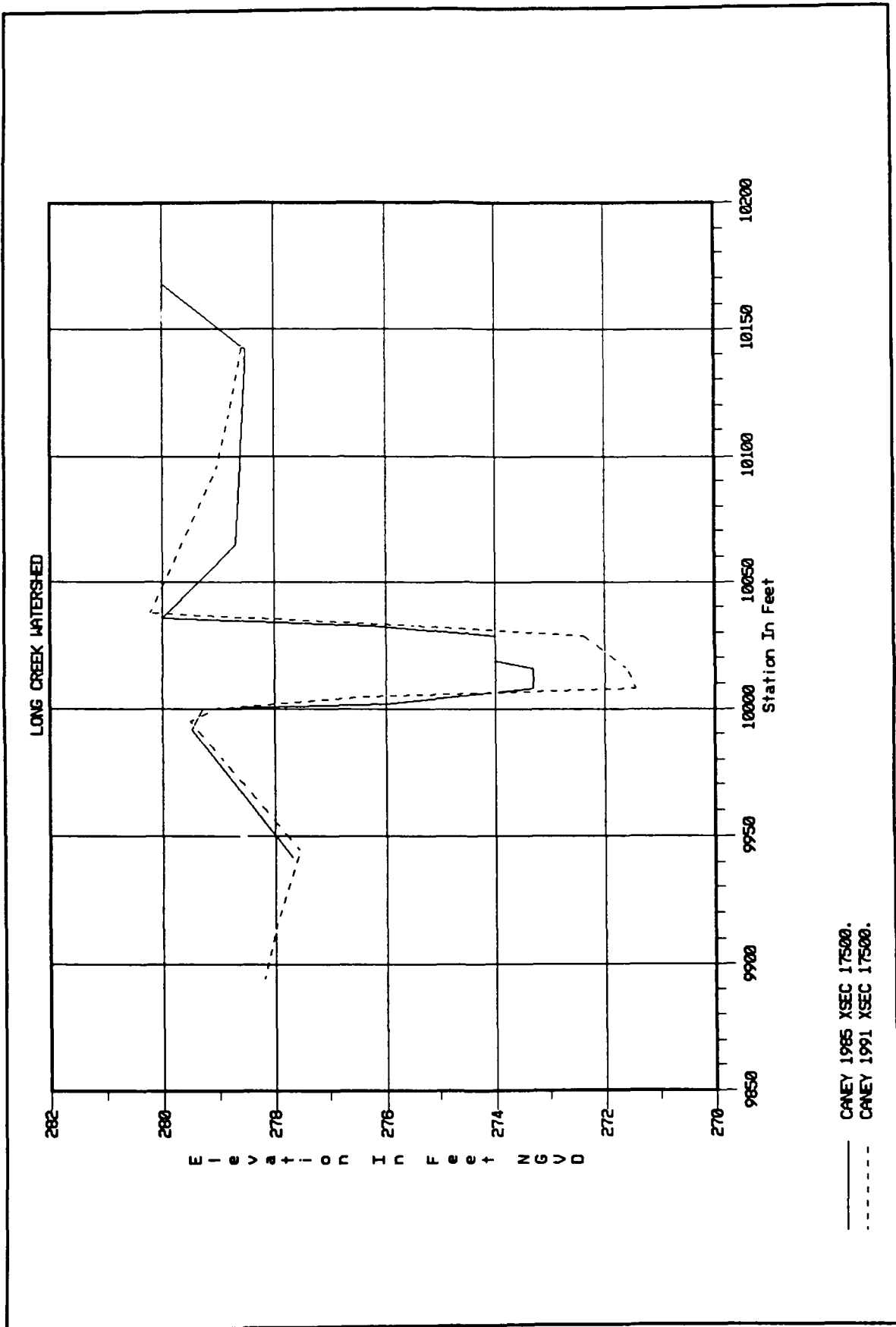


PLATE B36





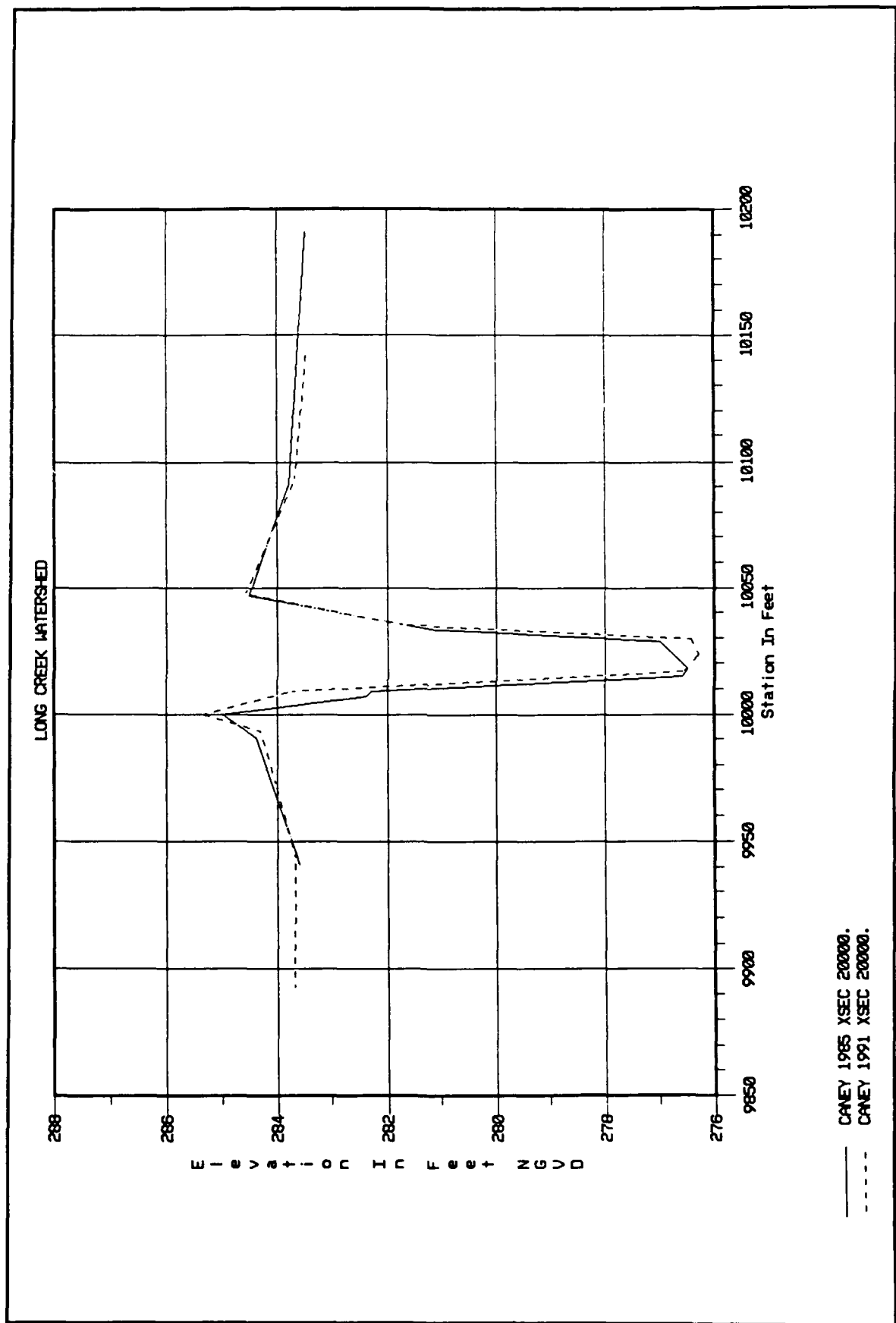
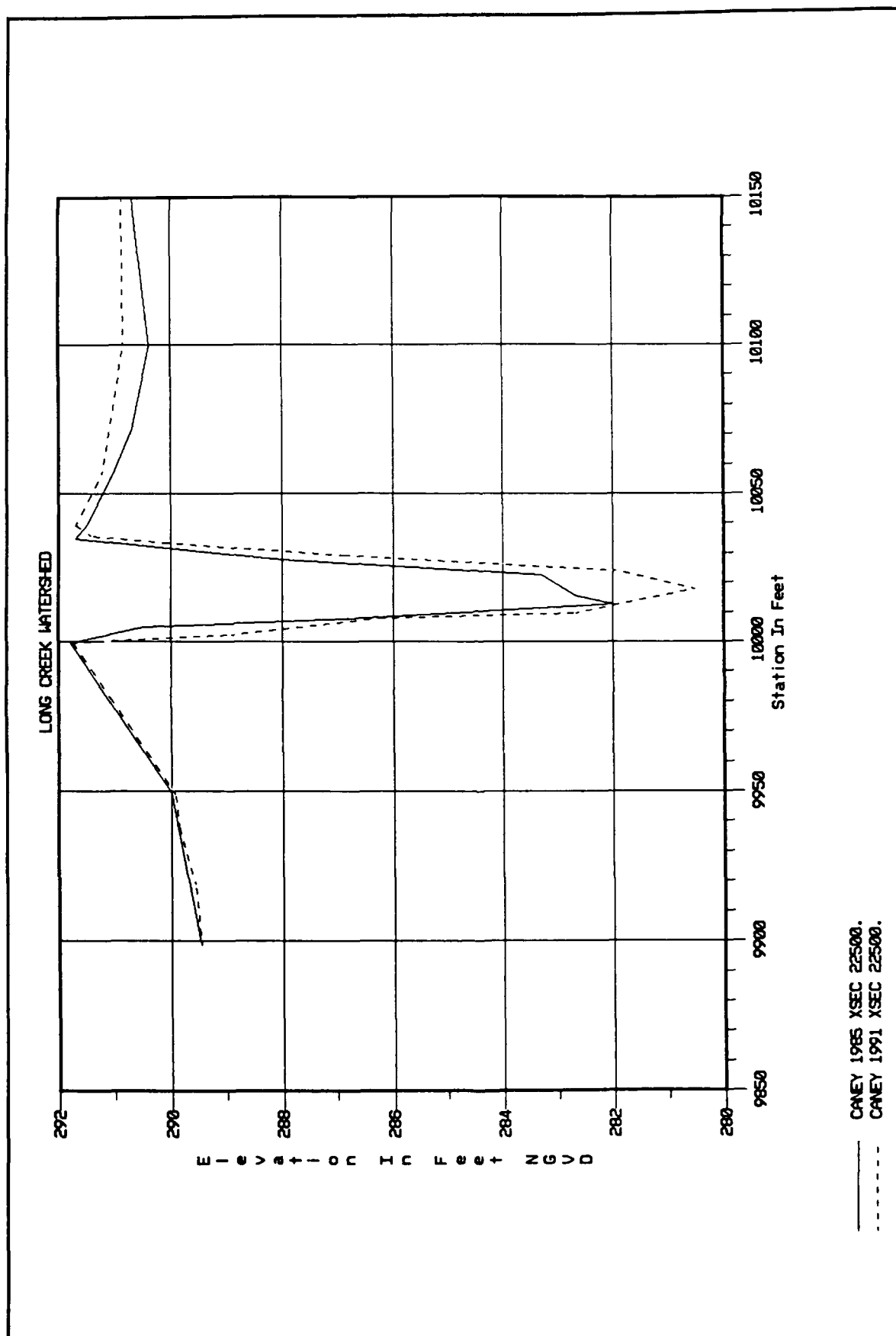
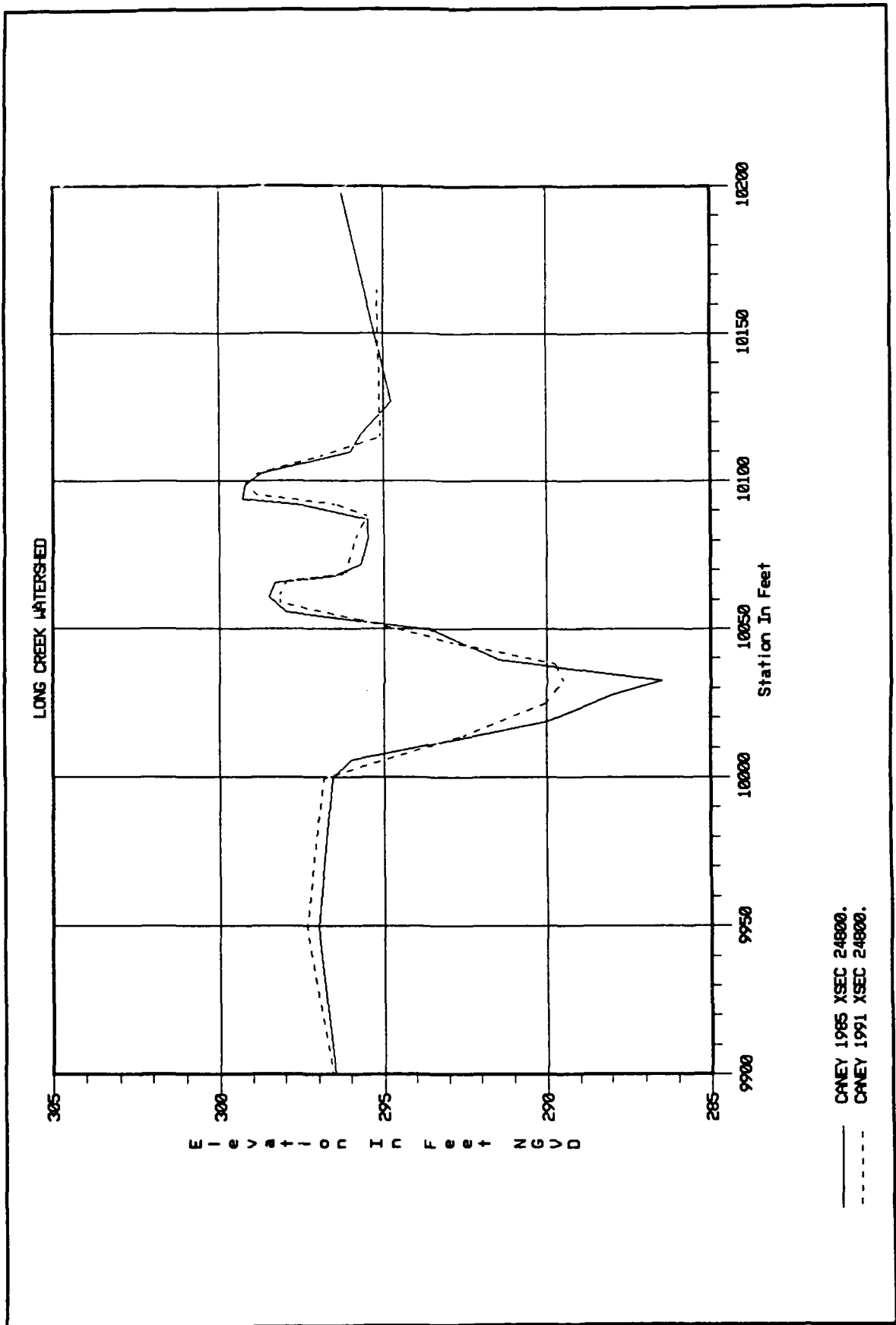
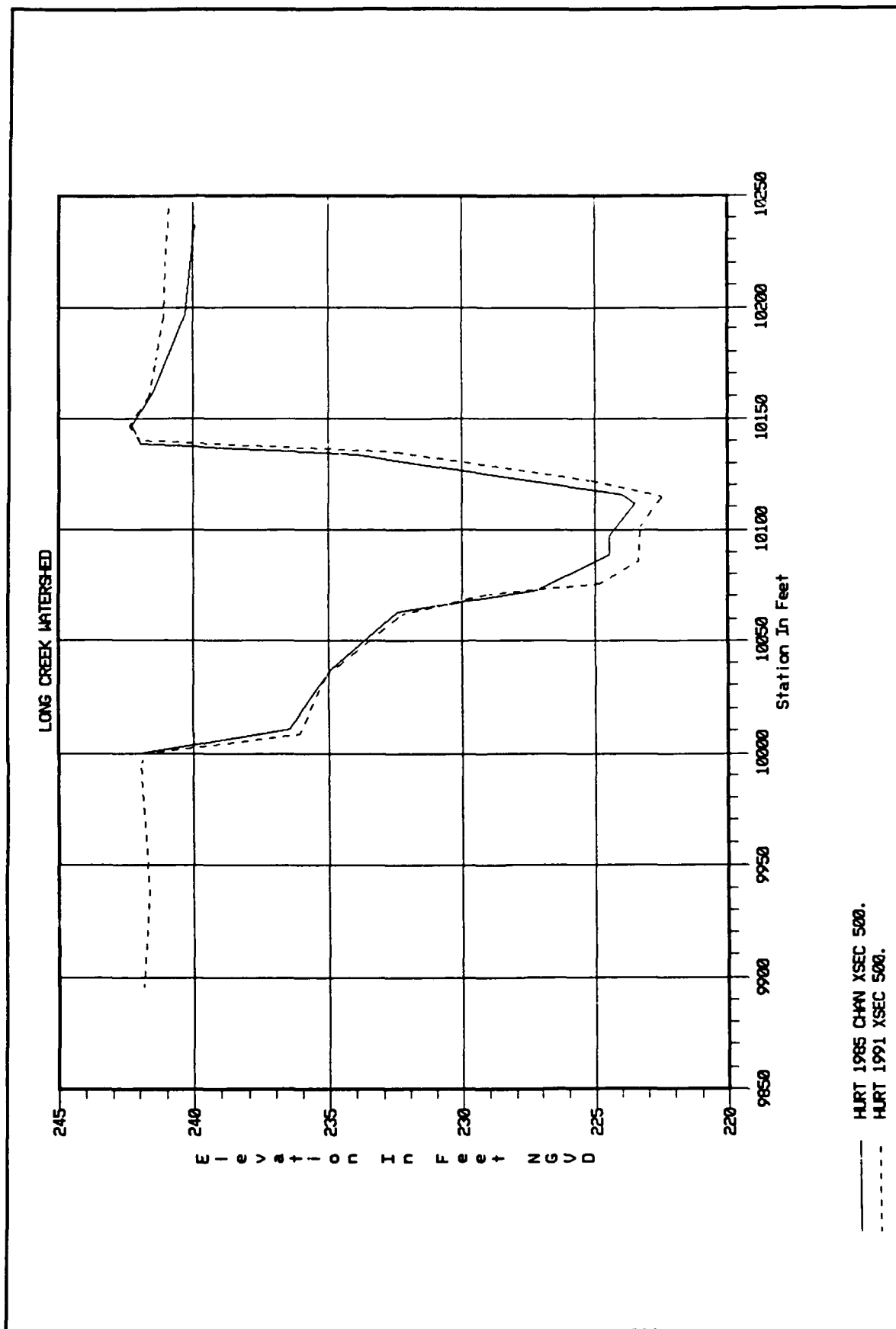
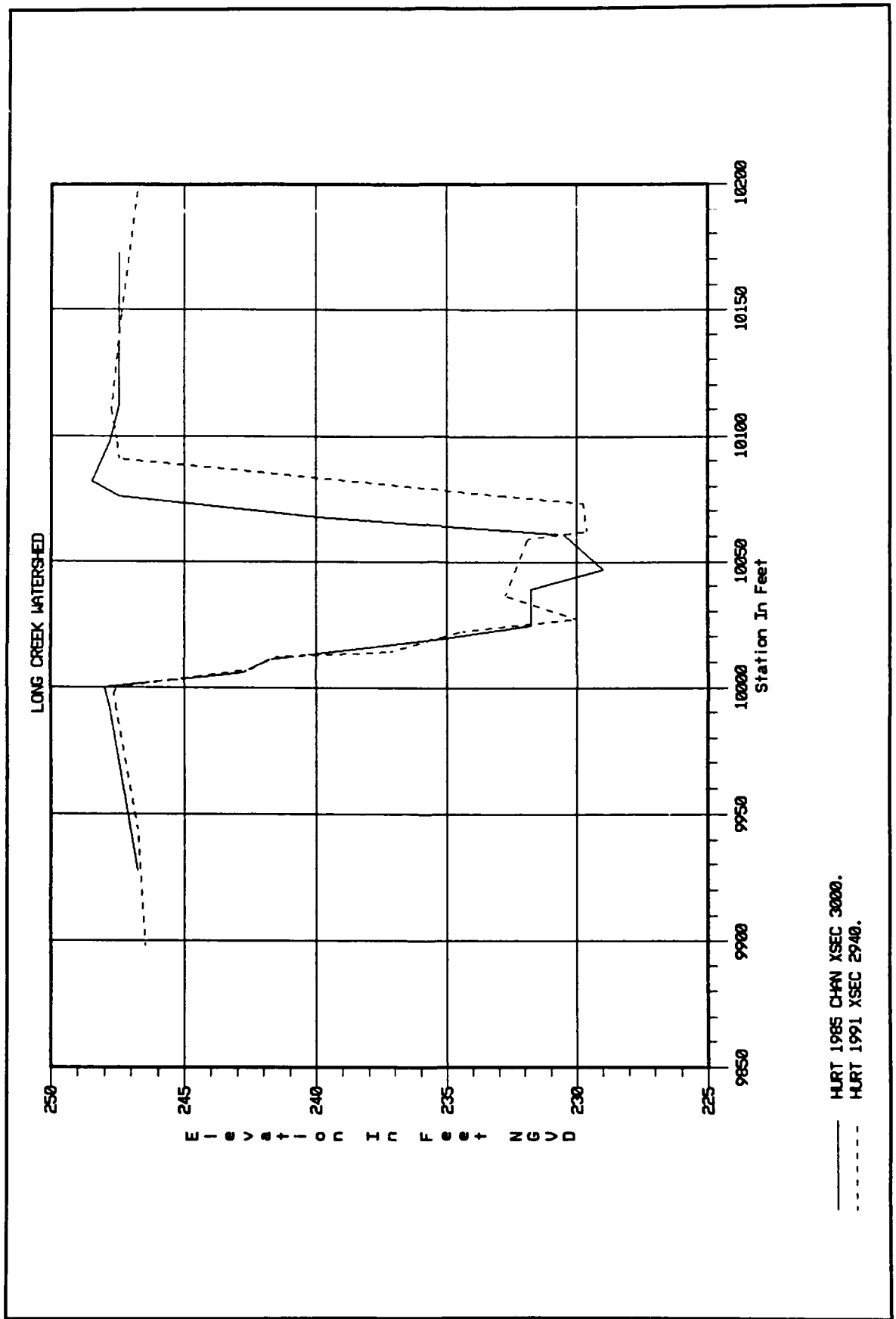


PLATE B40









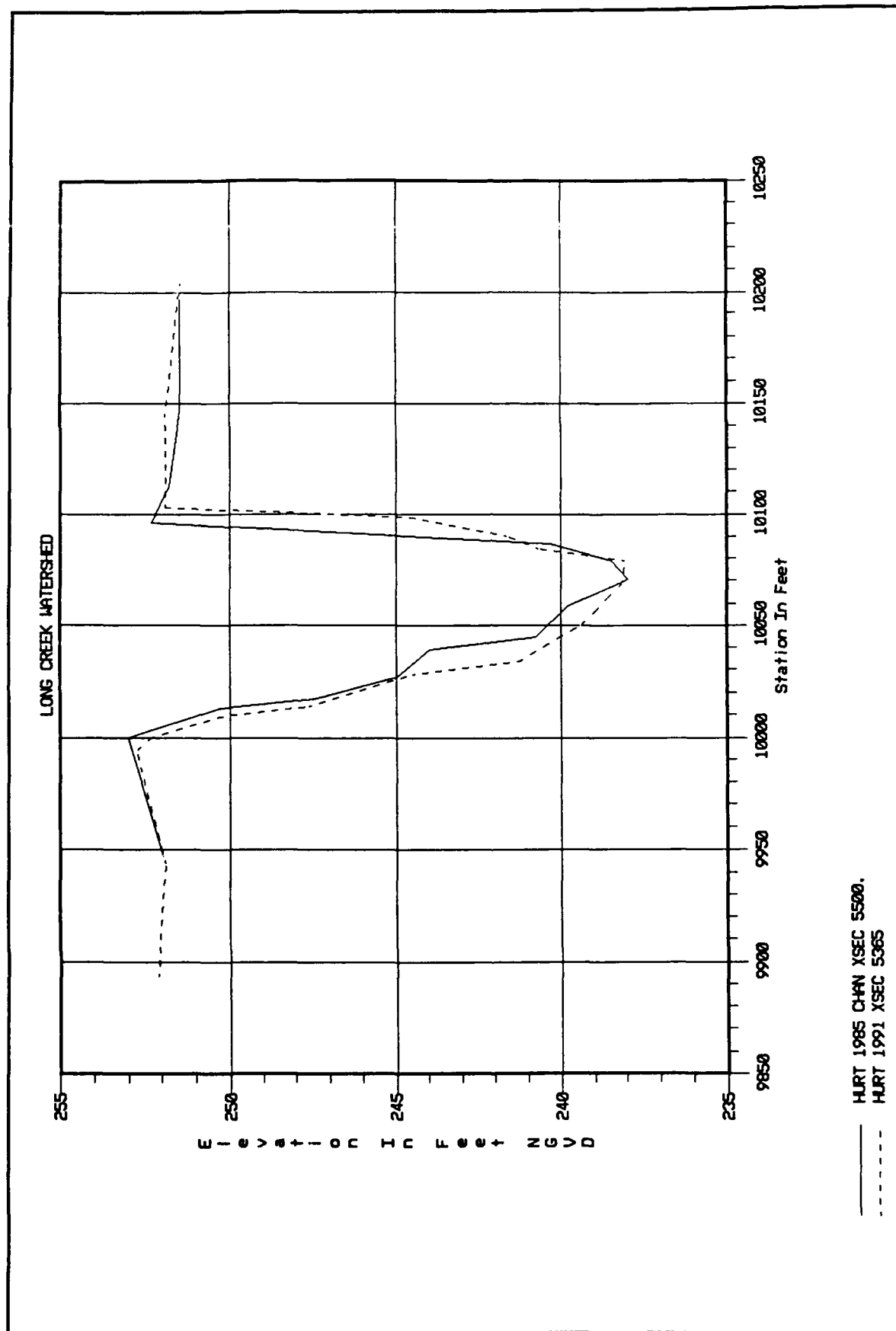


PLATE B44

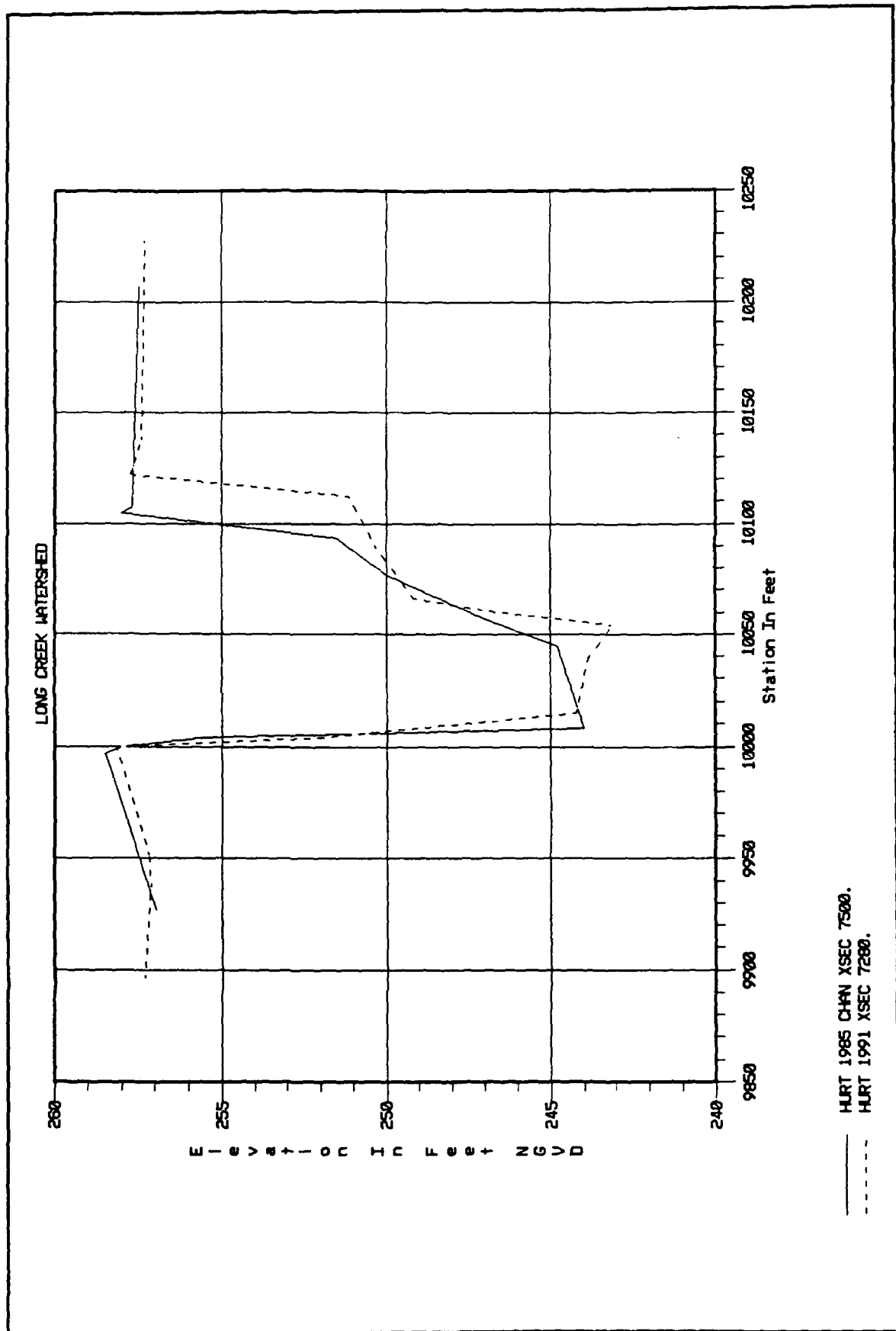


PLATE B45

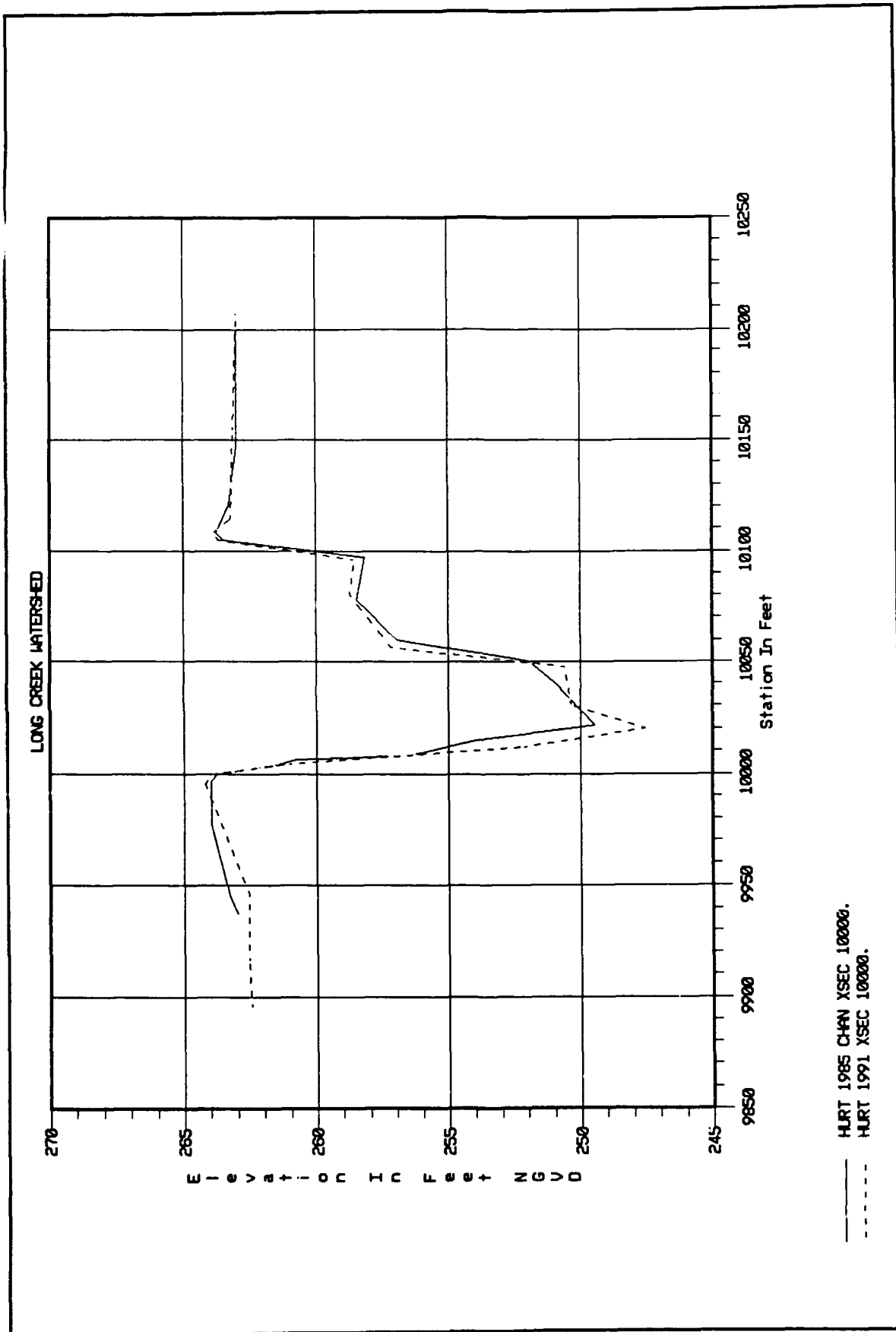
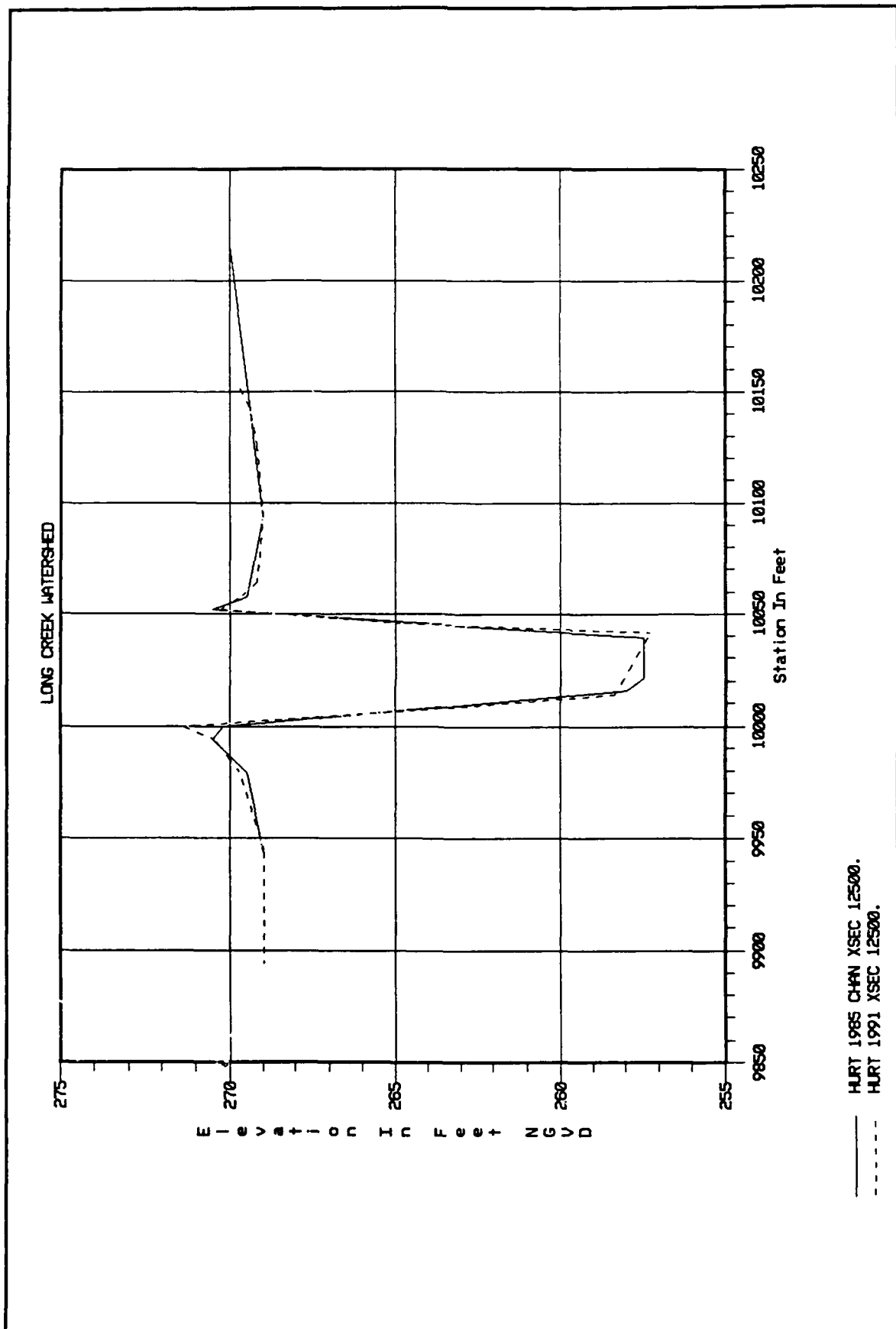
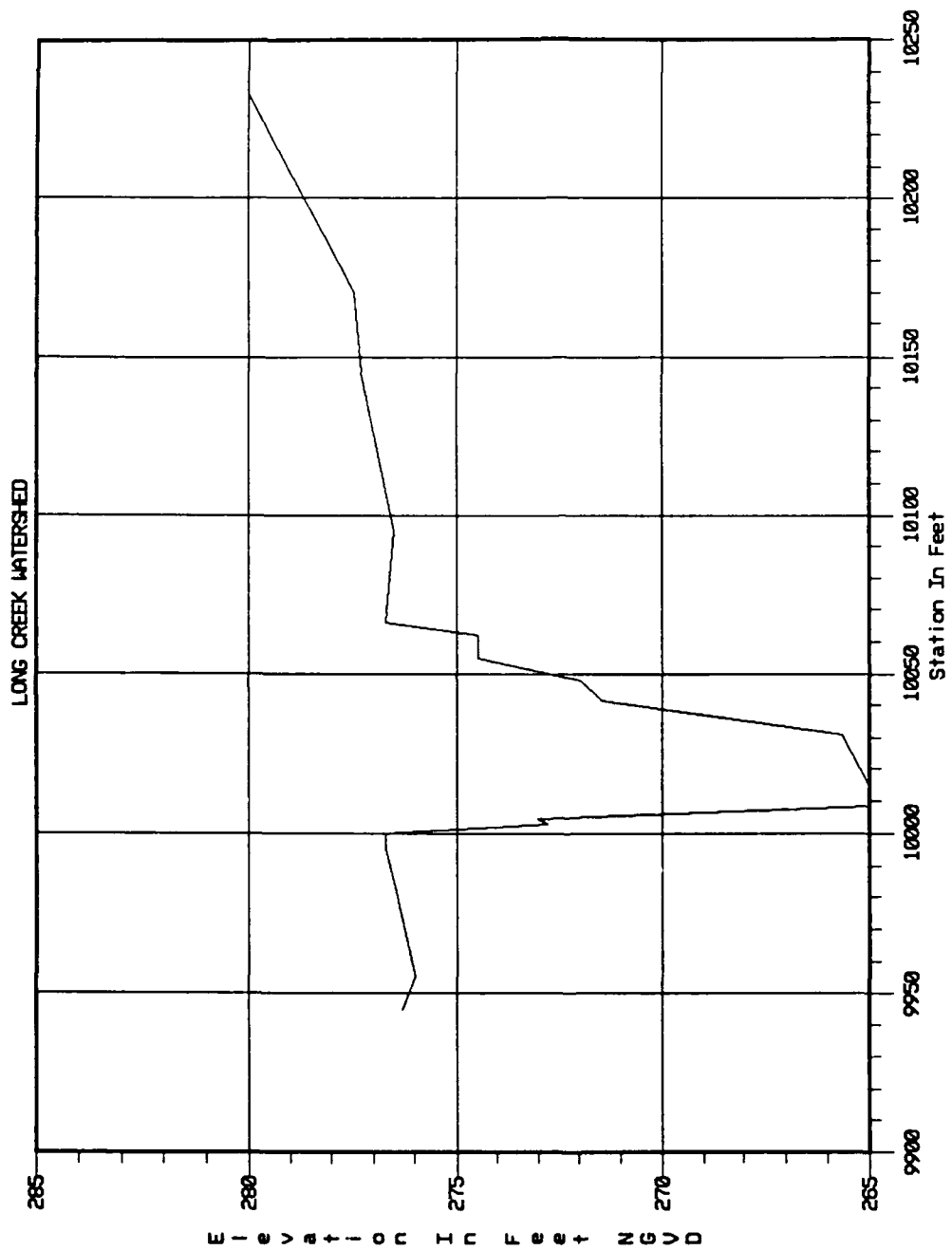
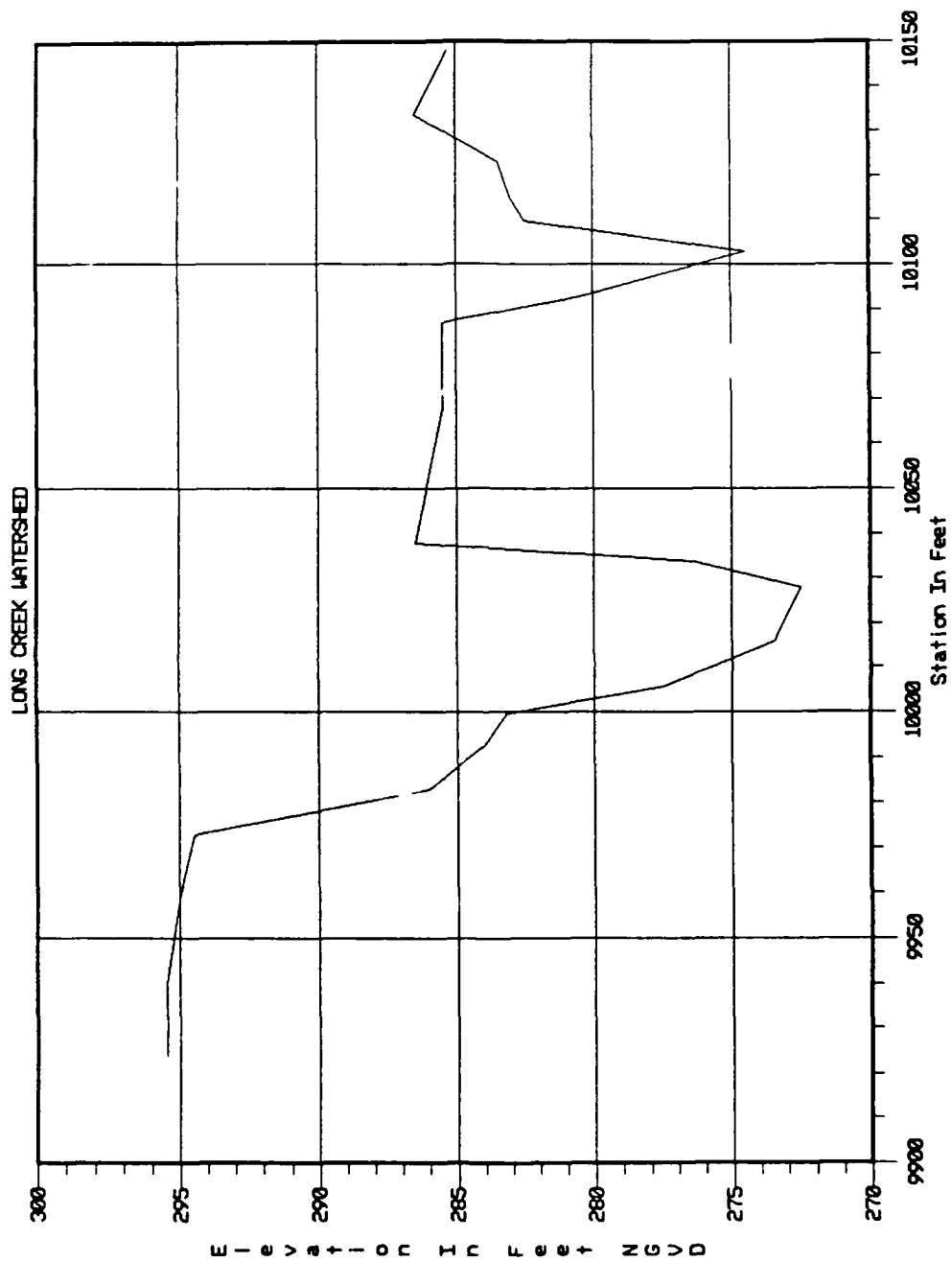


PLATE B46





— HURT 1985 CHAN XSEC 15000.



— HURT 1985 CHAN XSEC 17600.

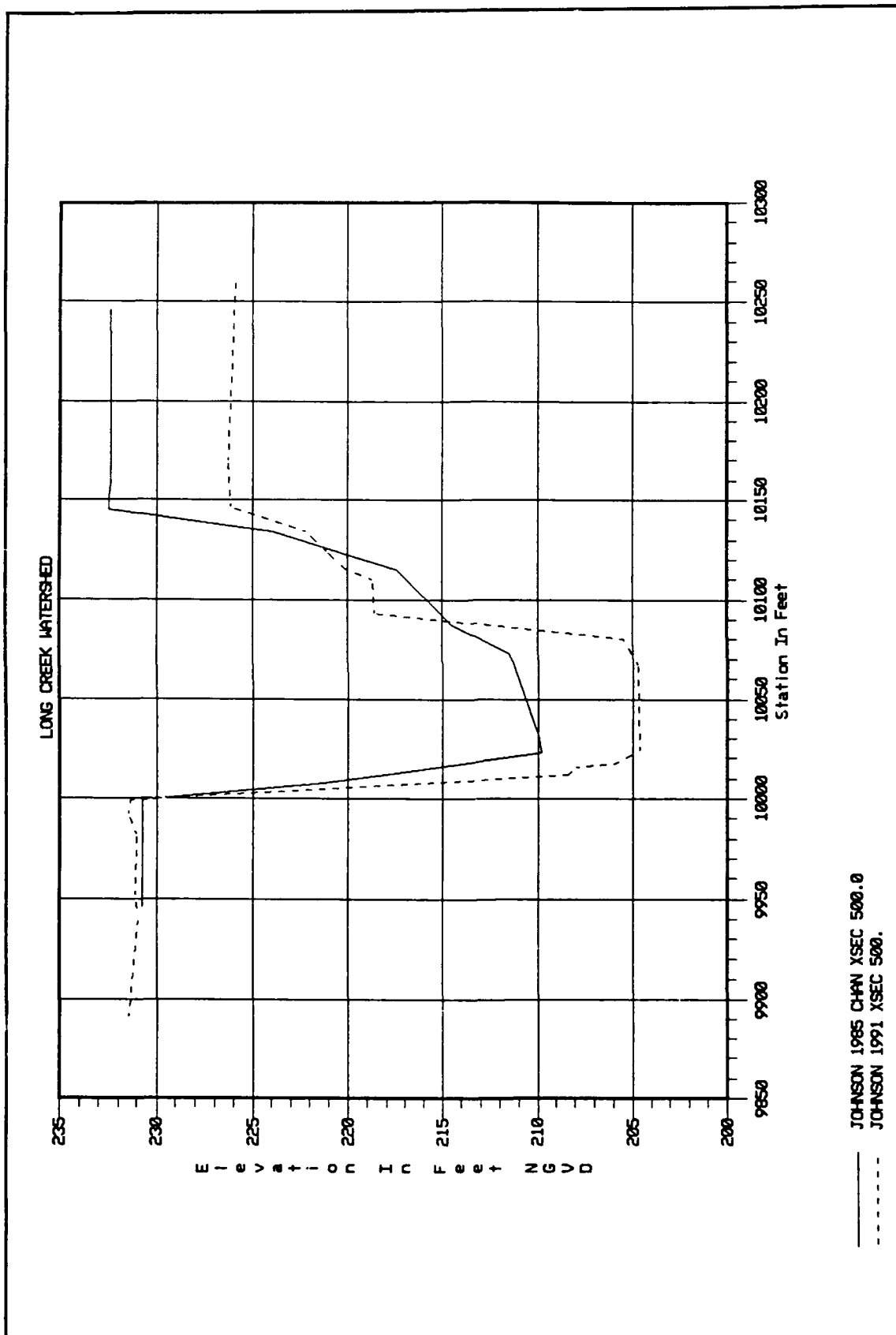
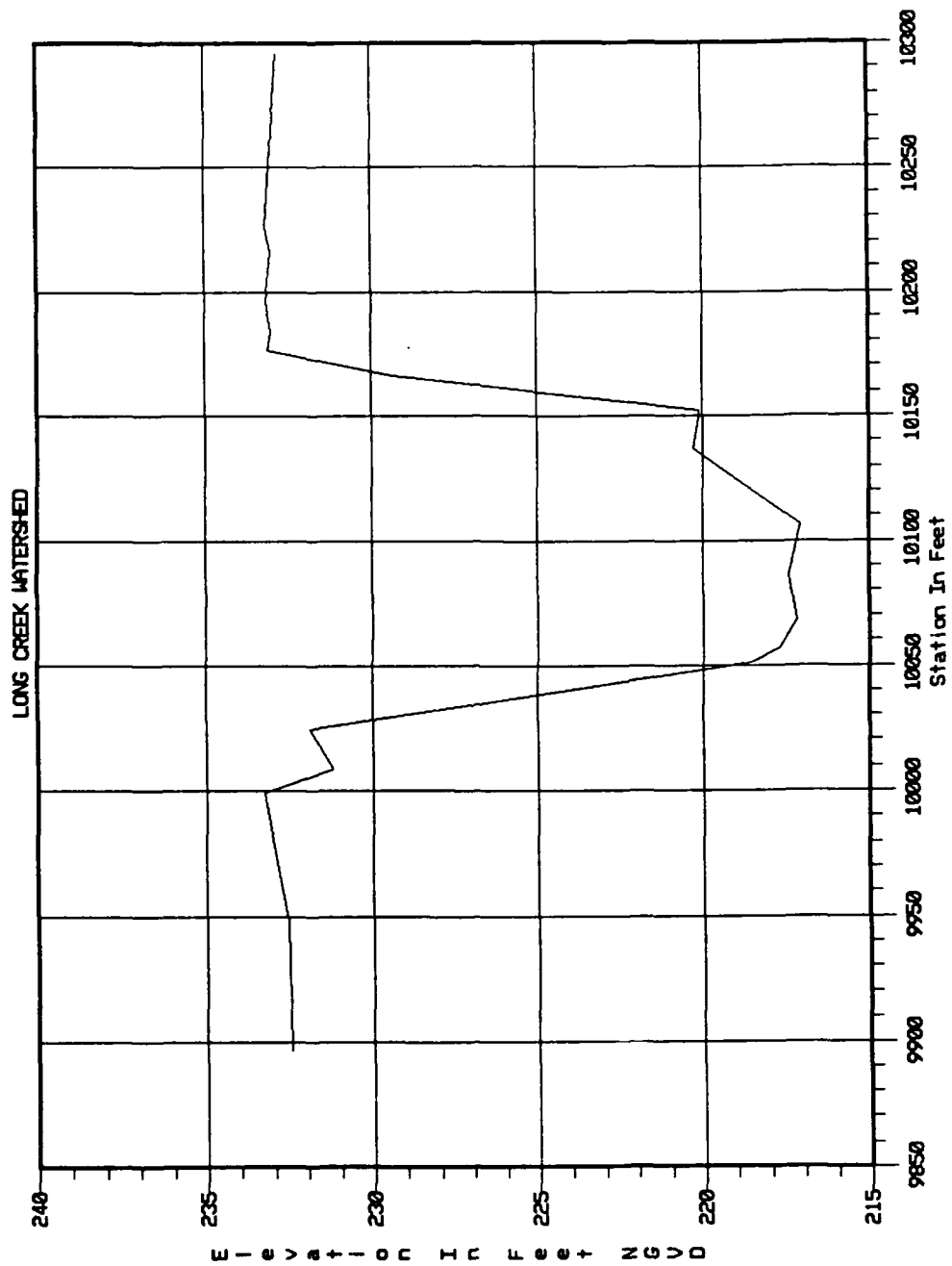
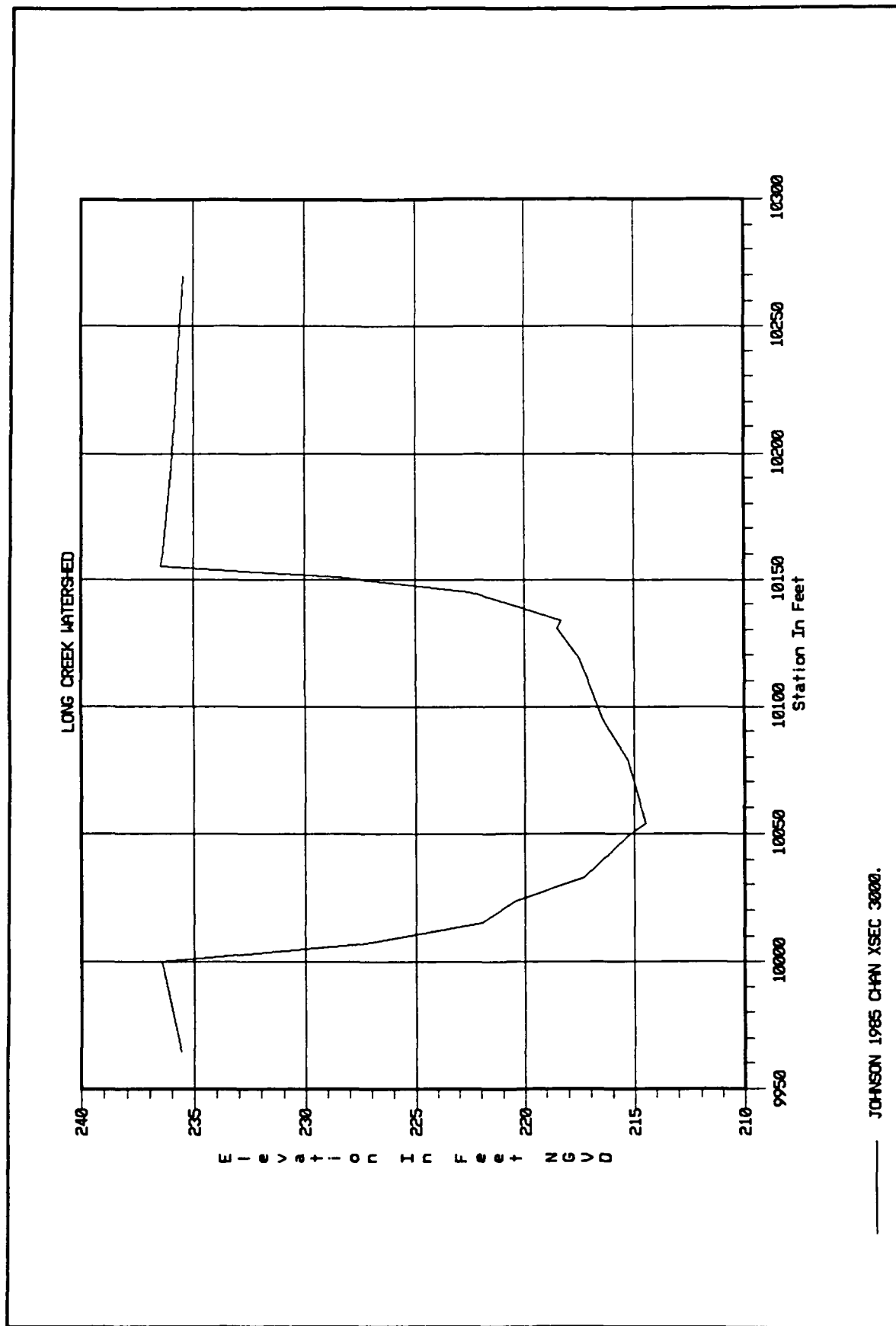
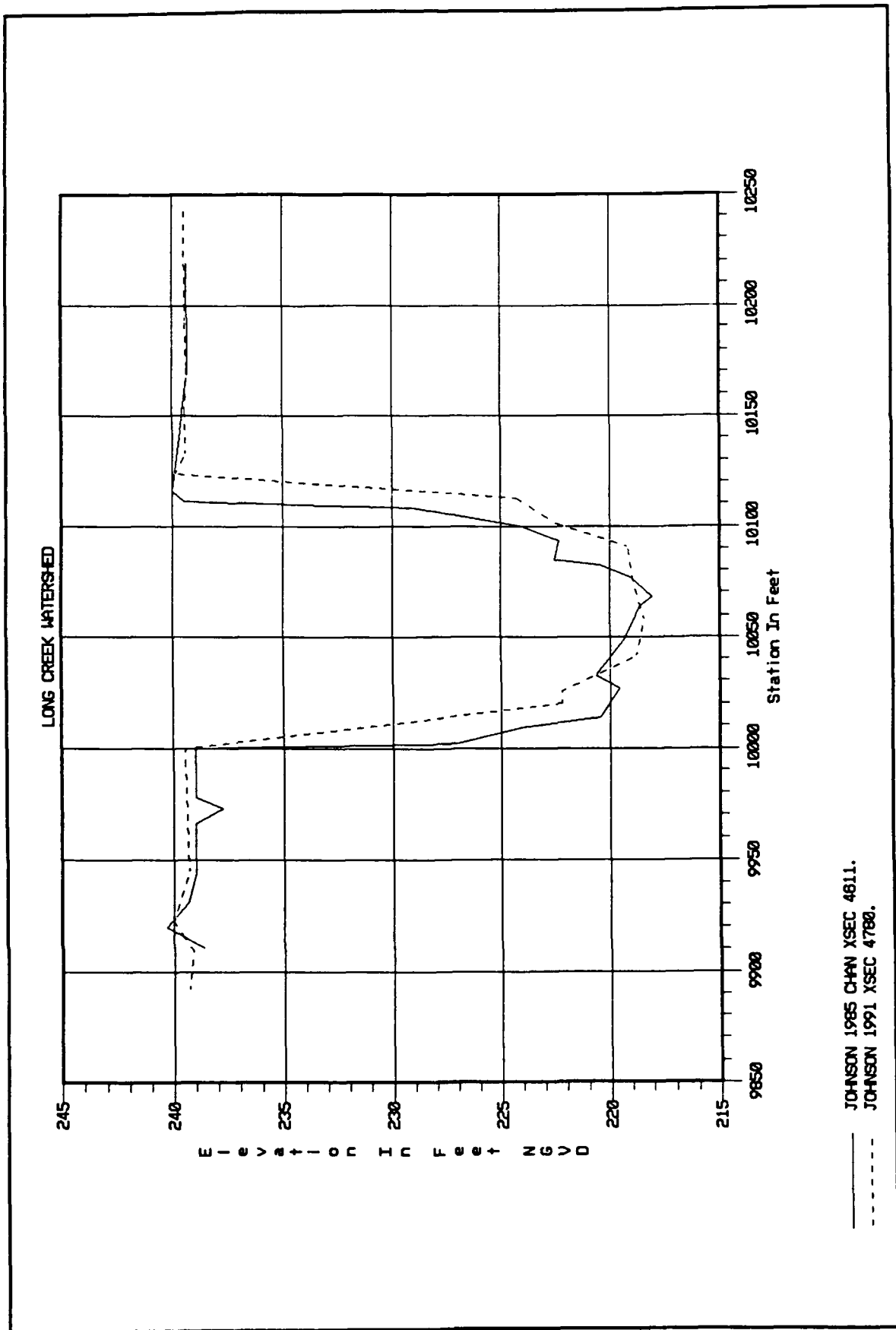


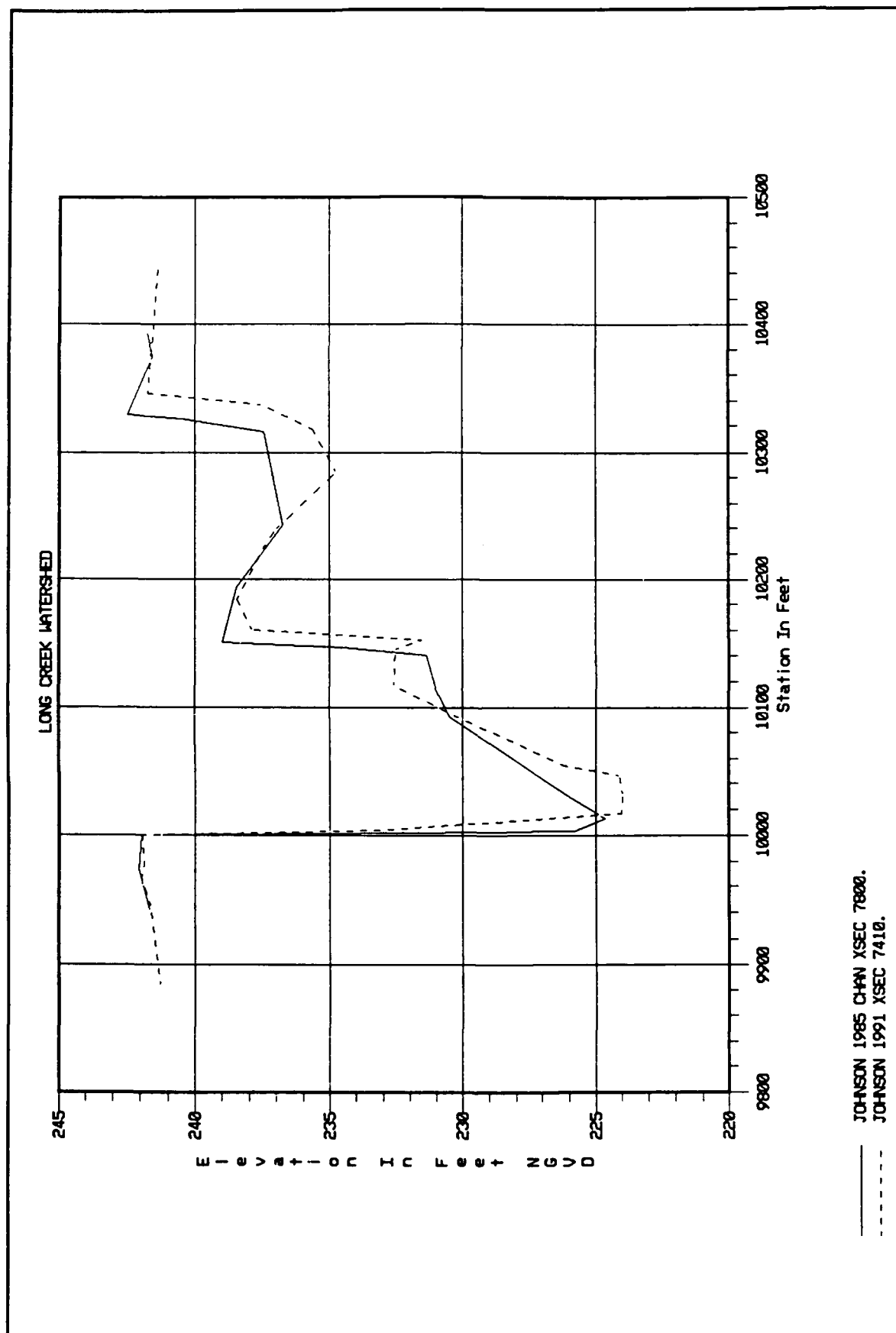
PLATE B50

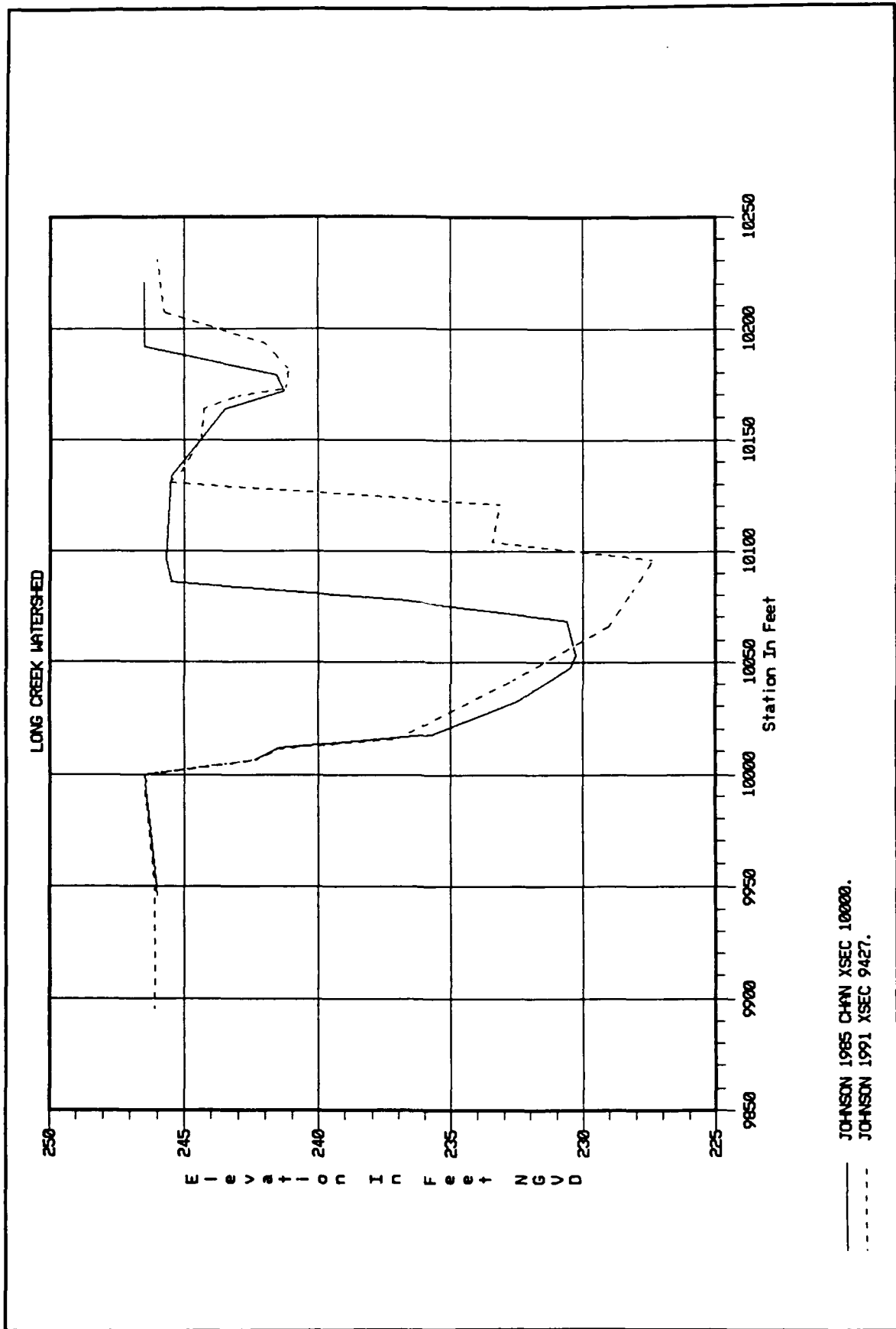


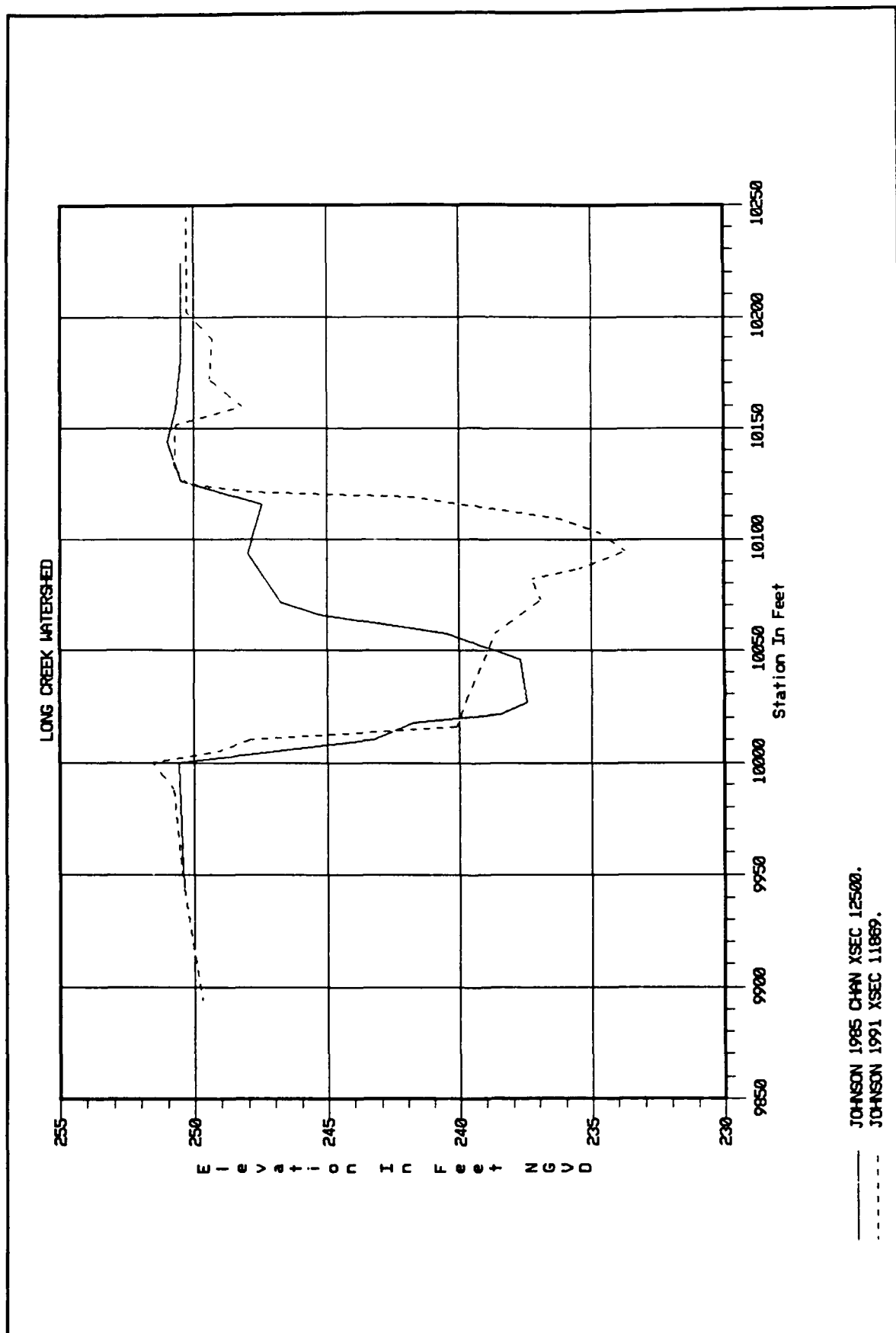
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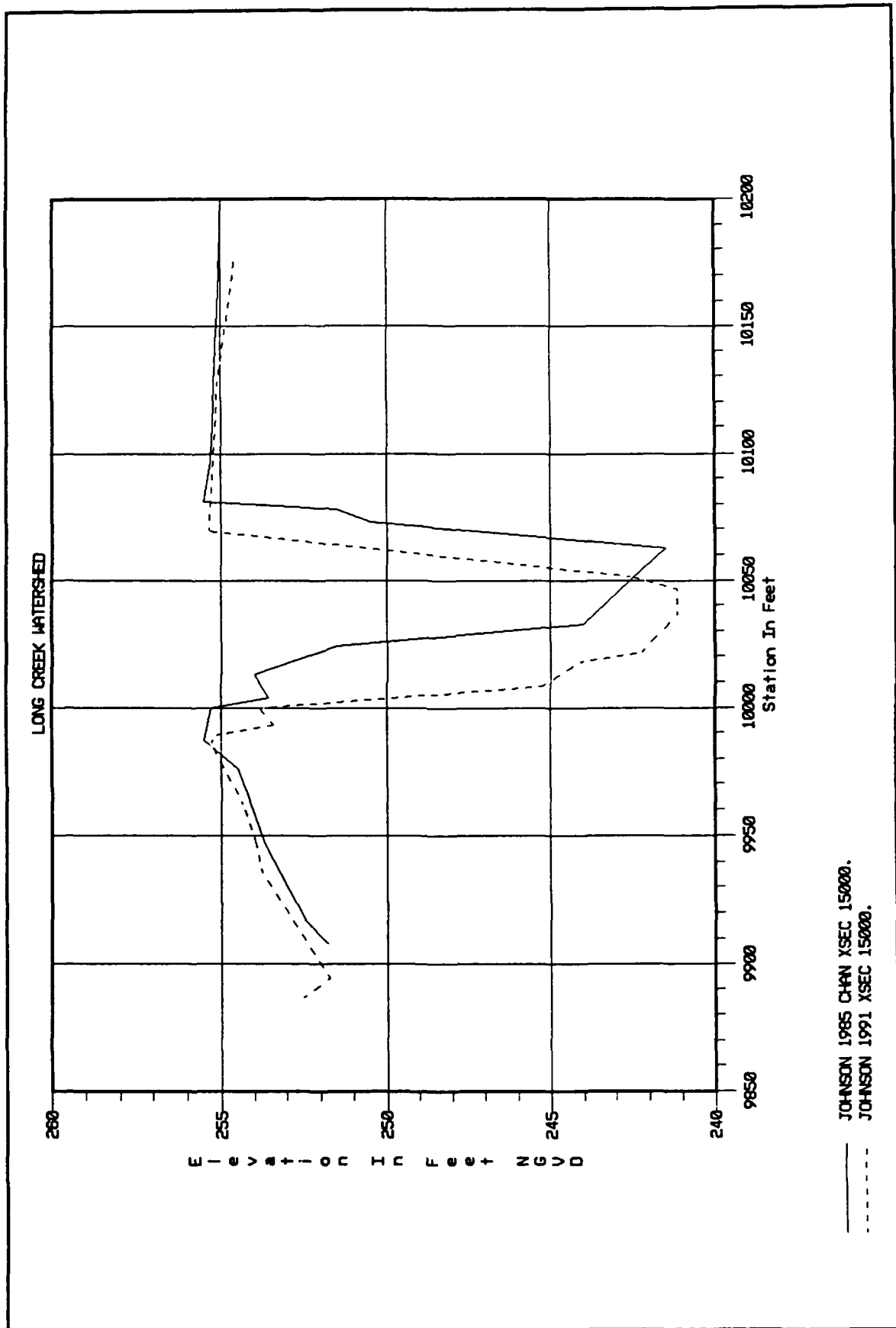
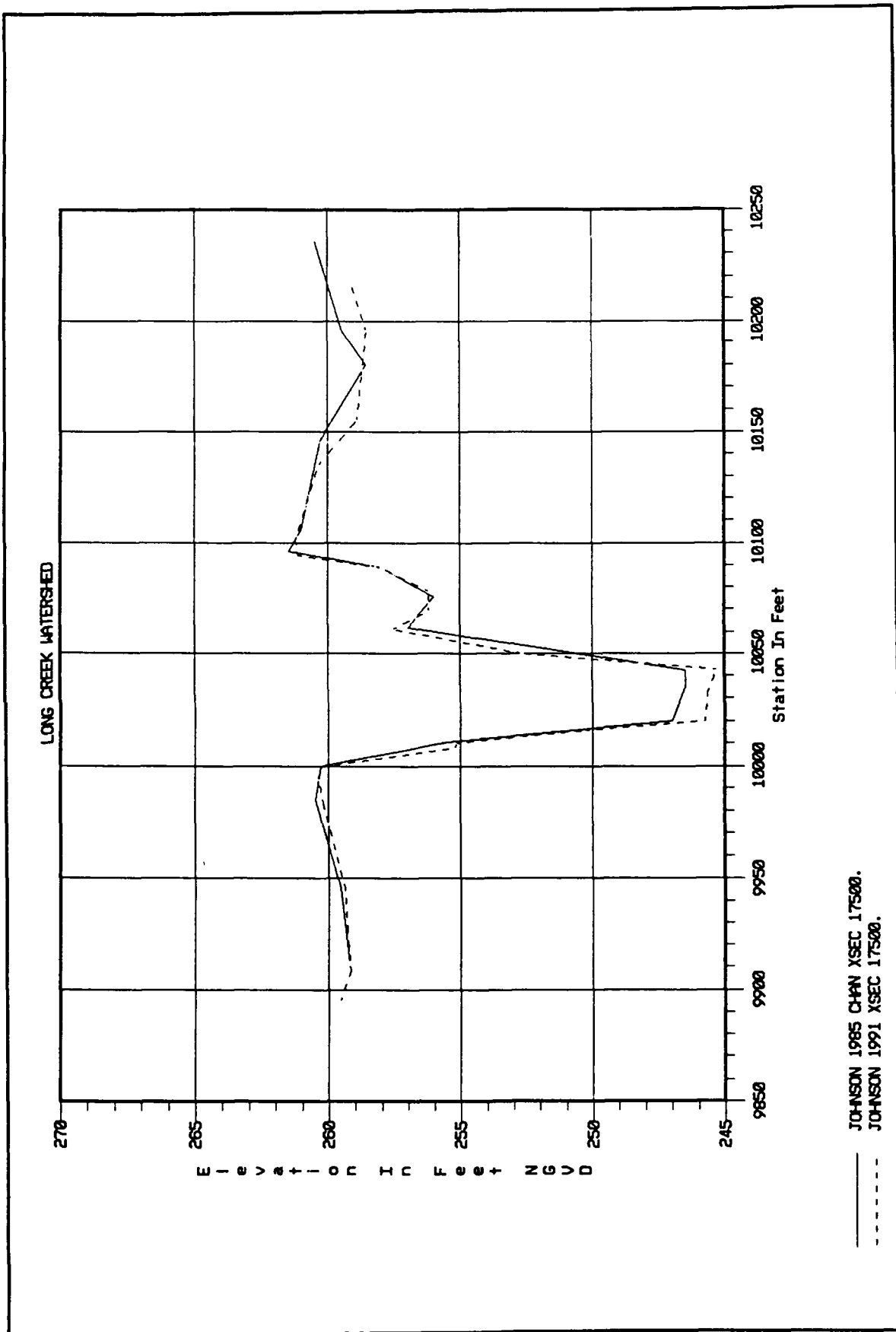
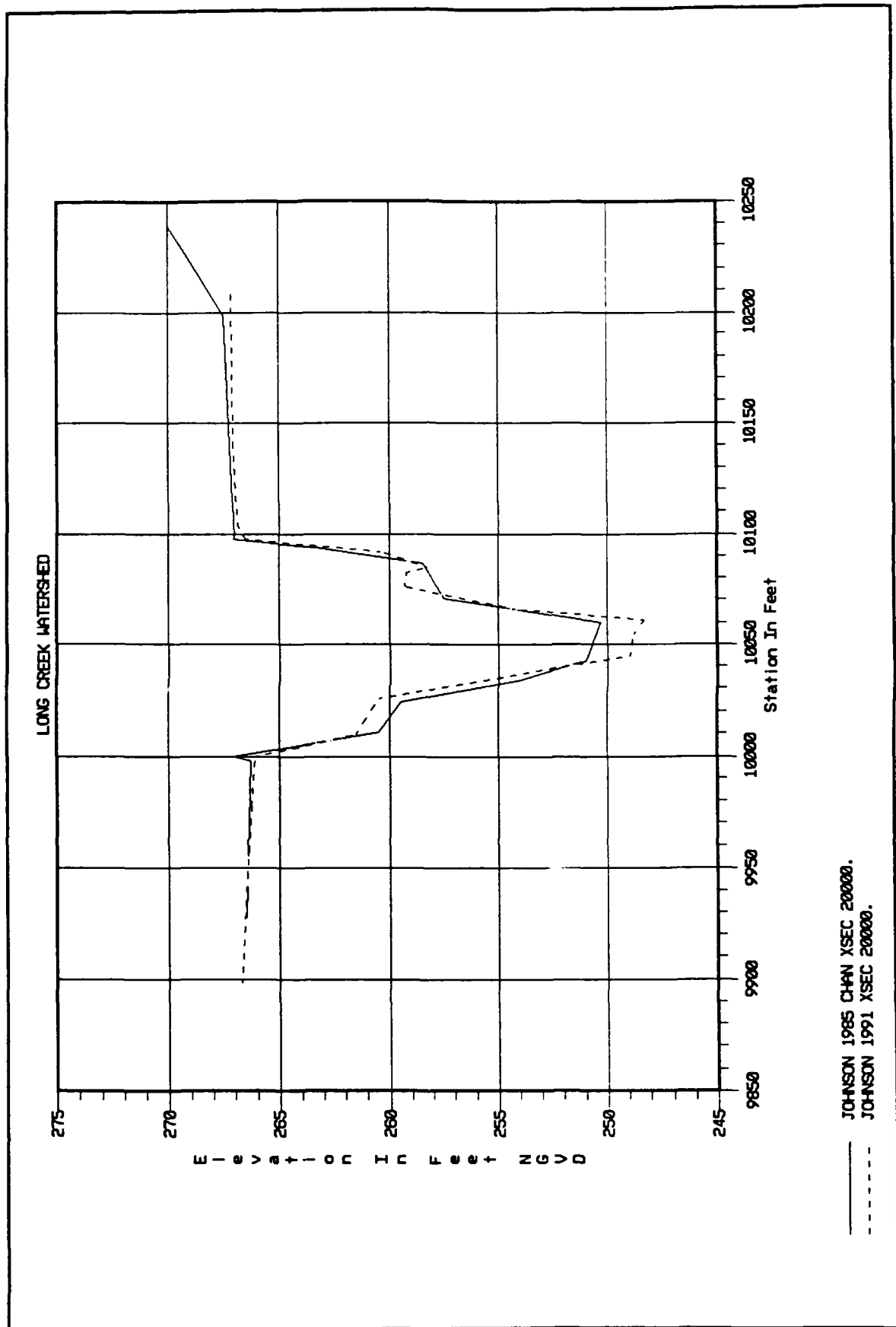


PLATE B57





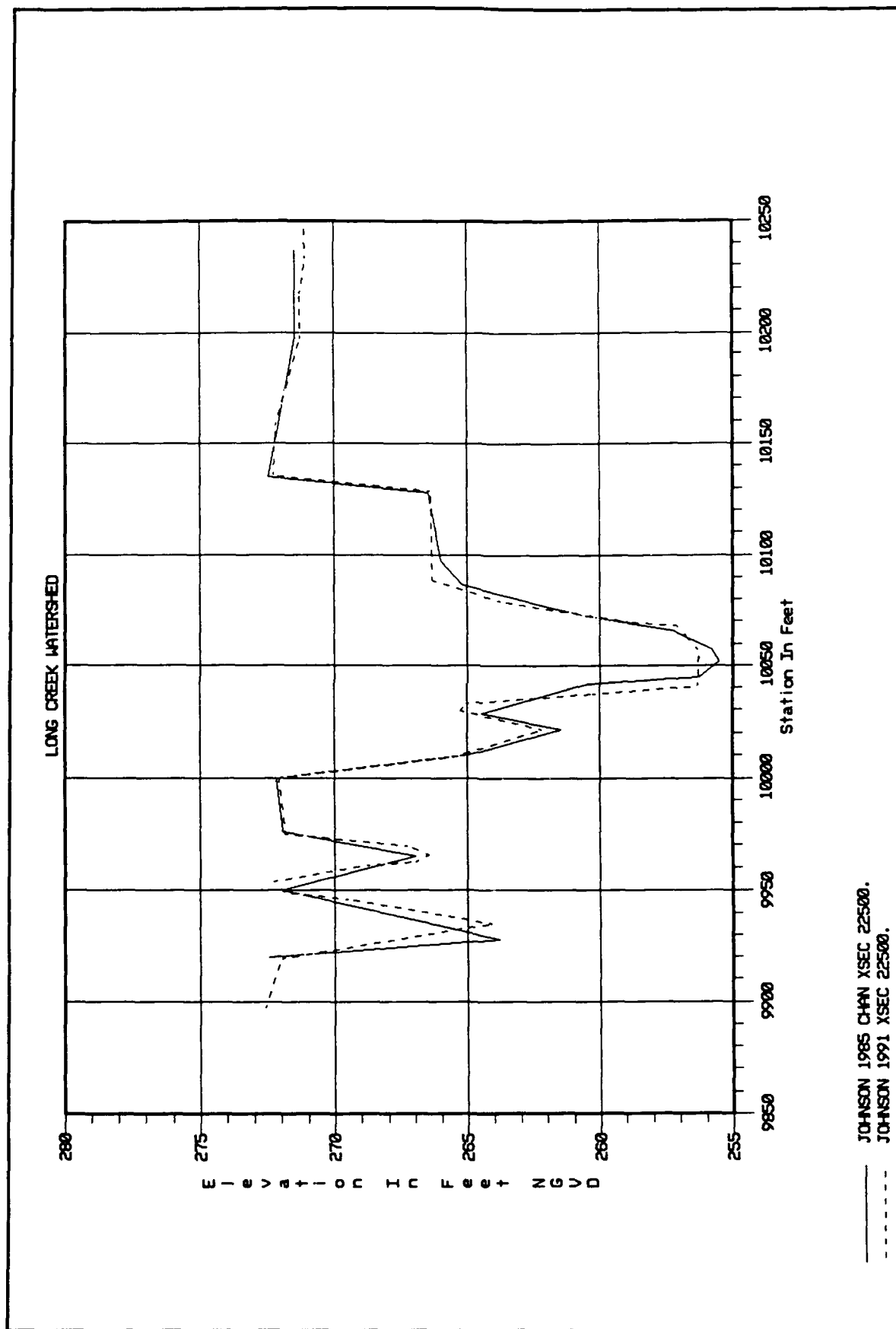
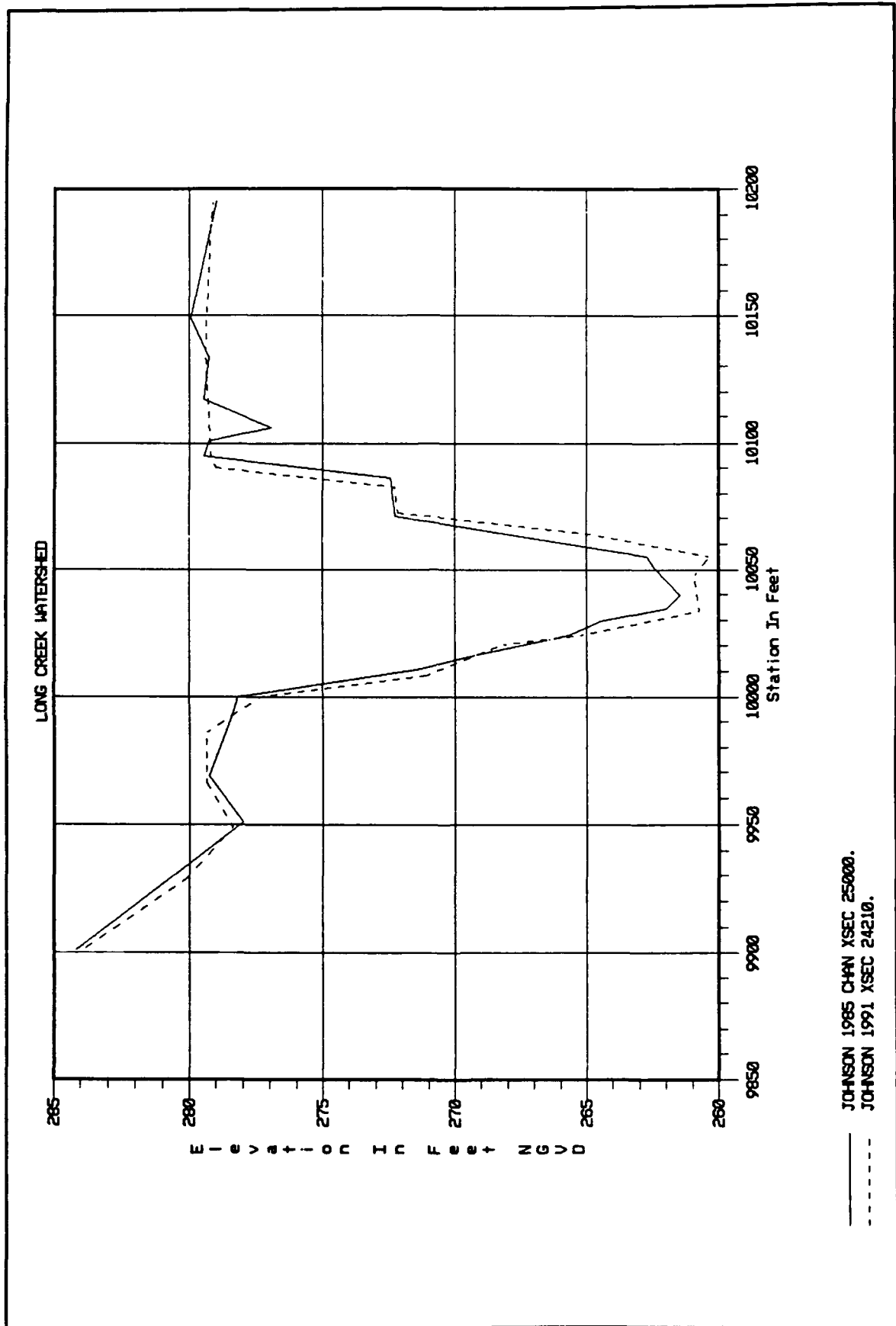
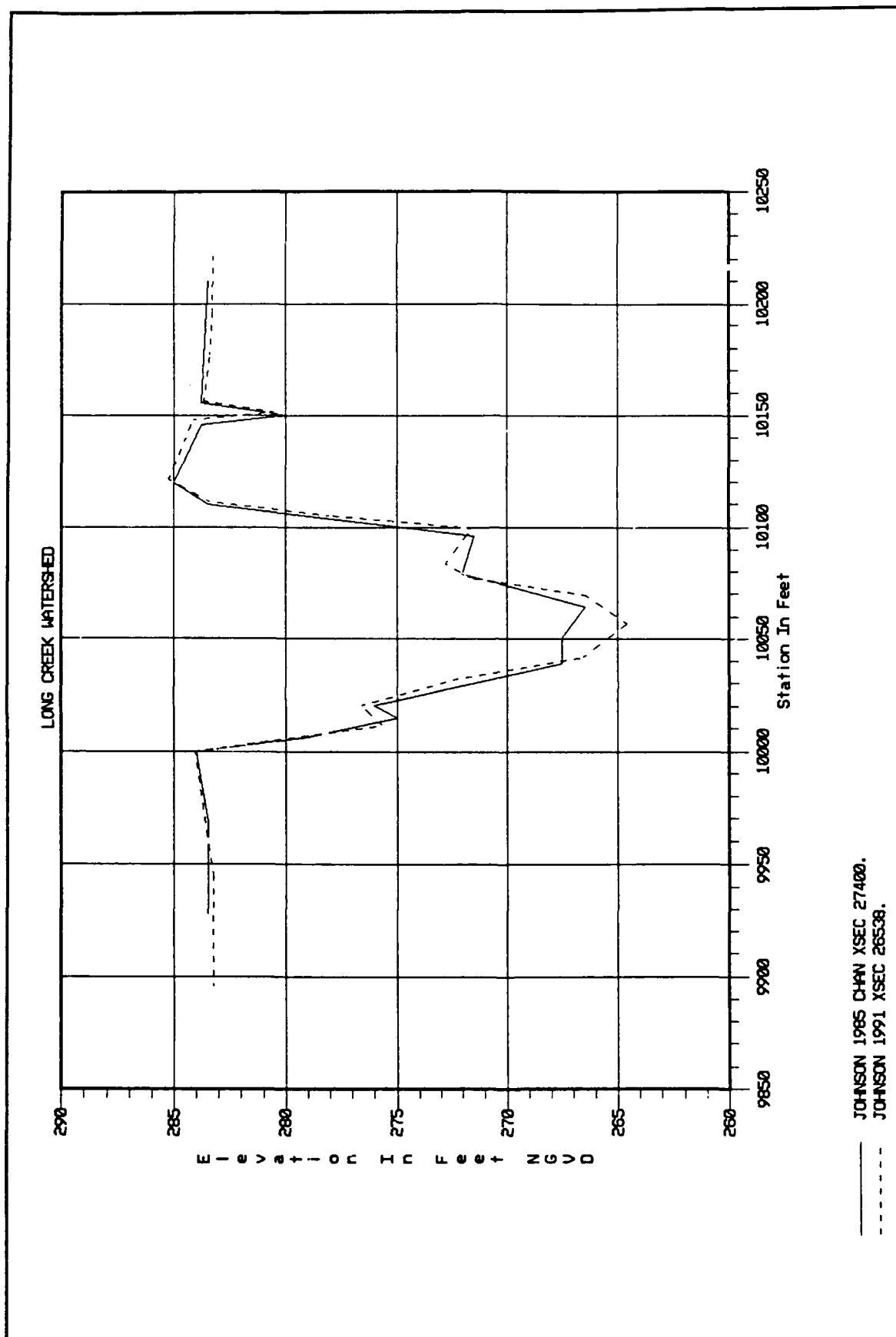


PLATE B60





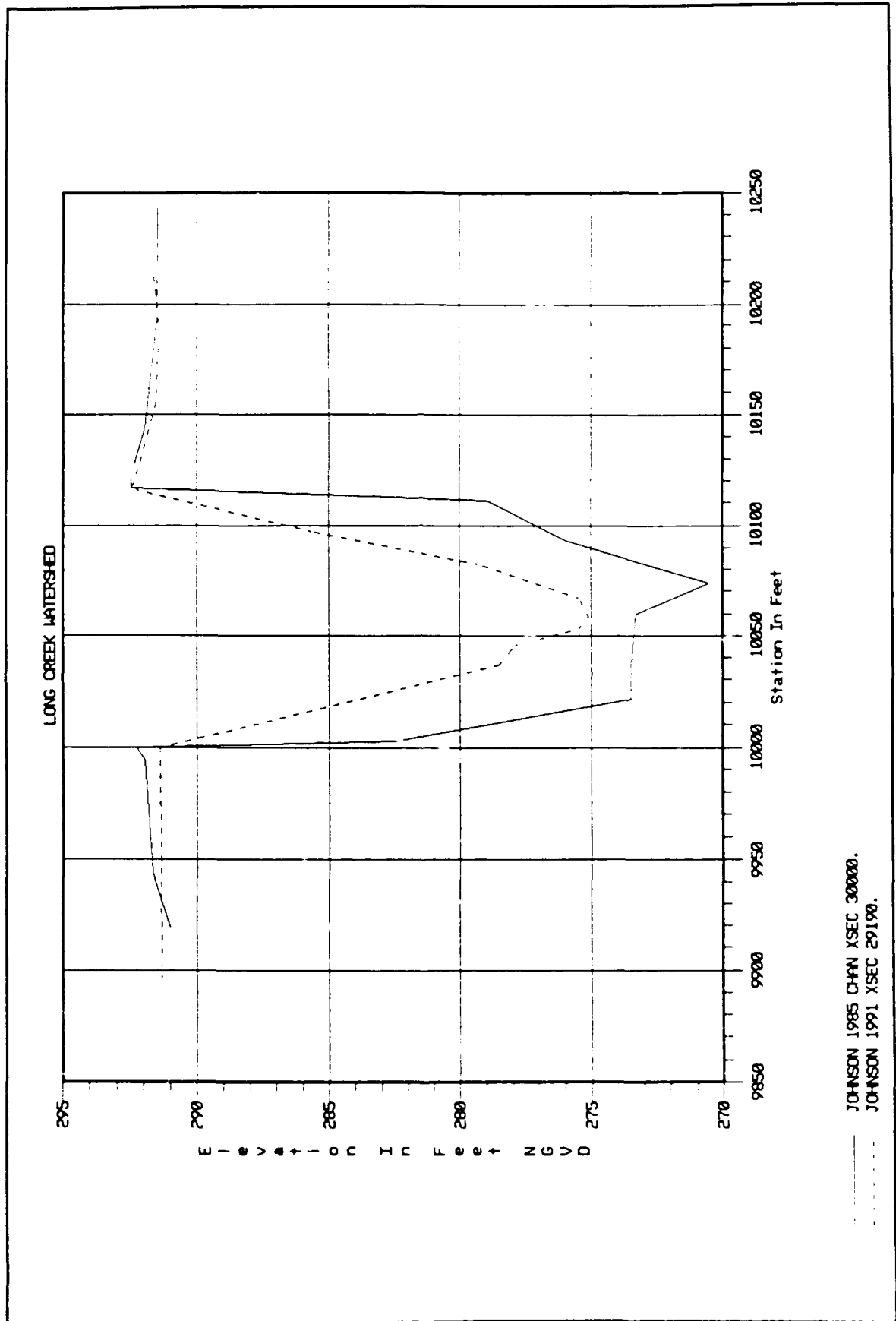
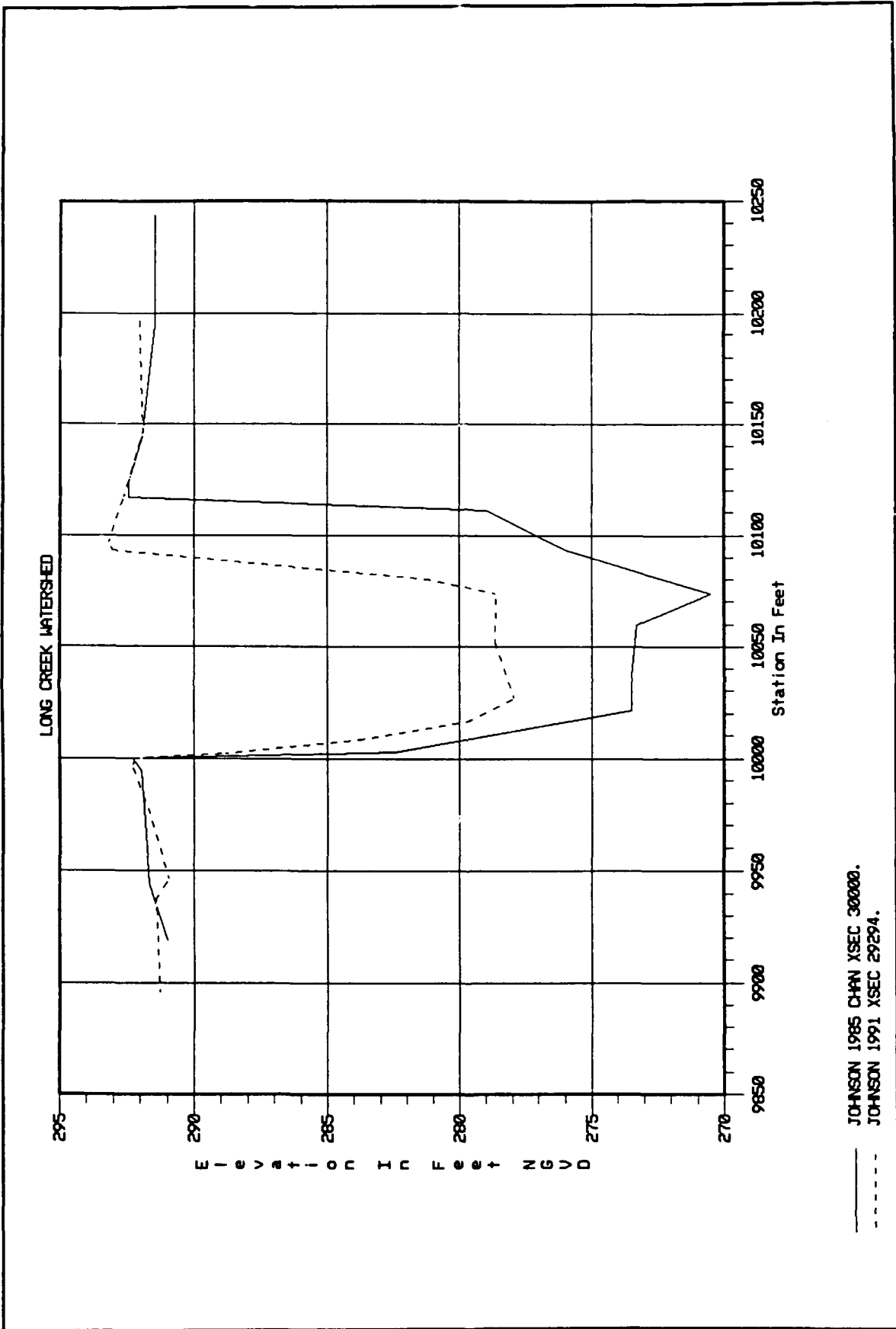
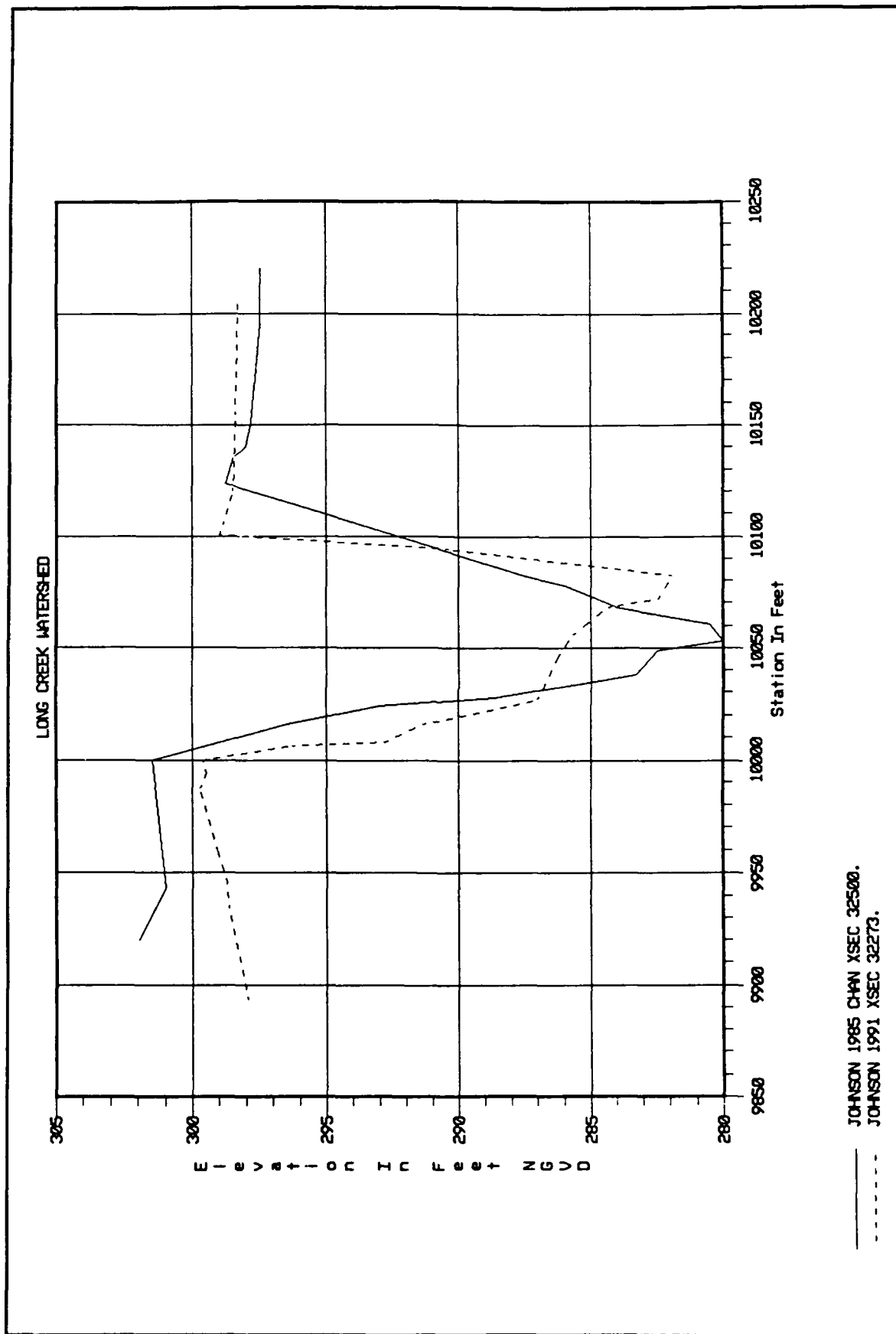
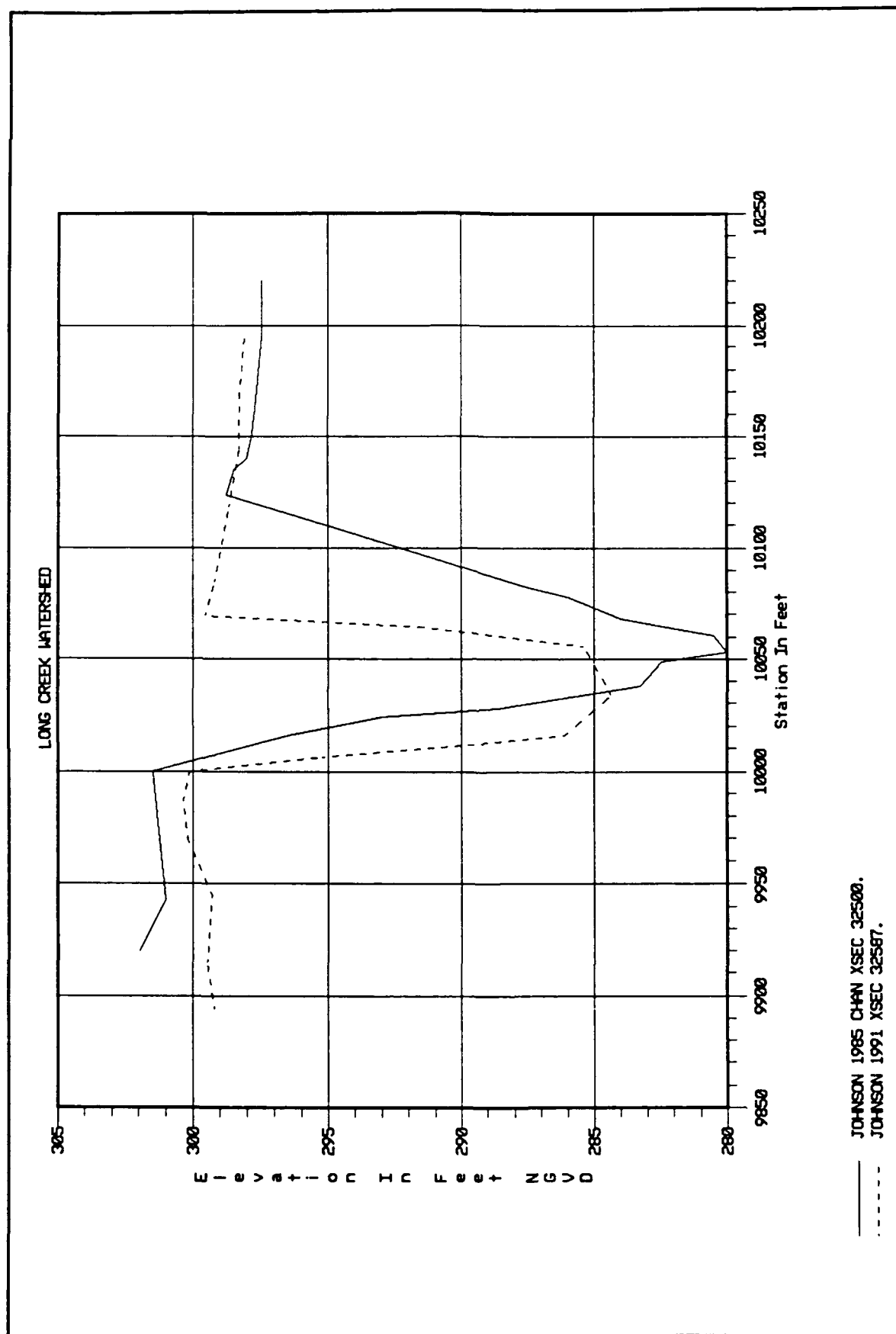


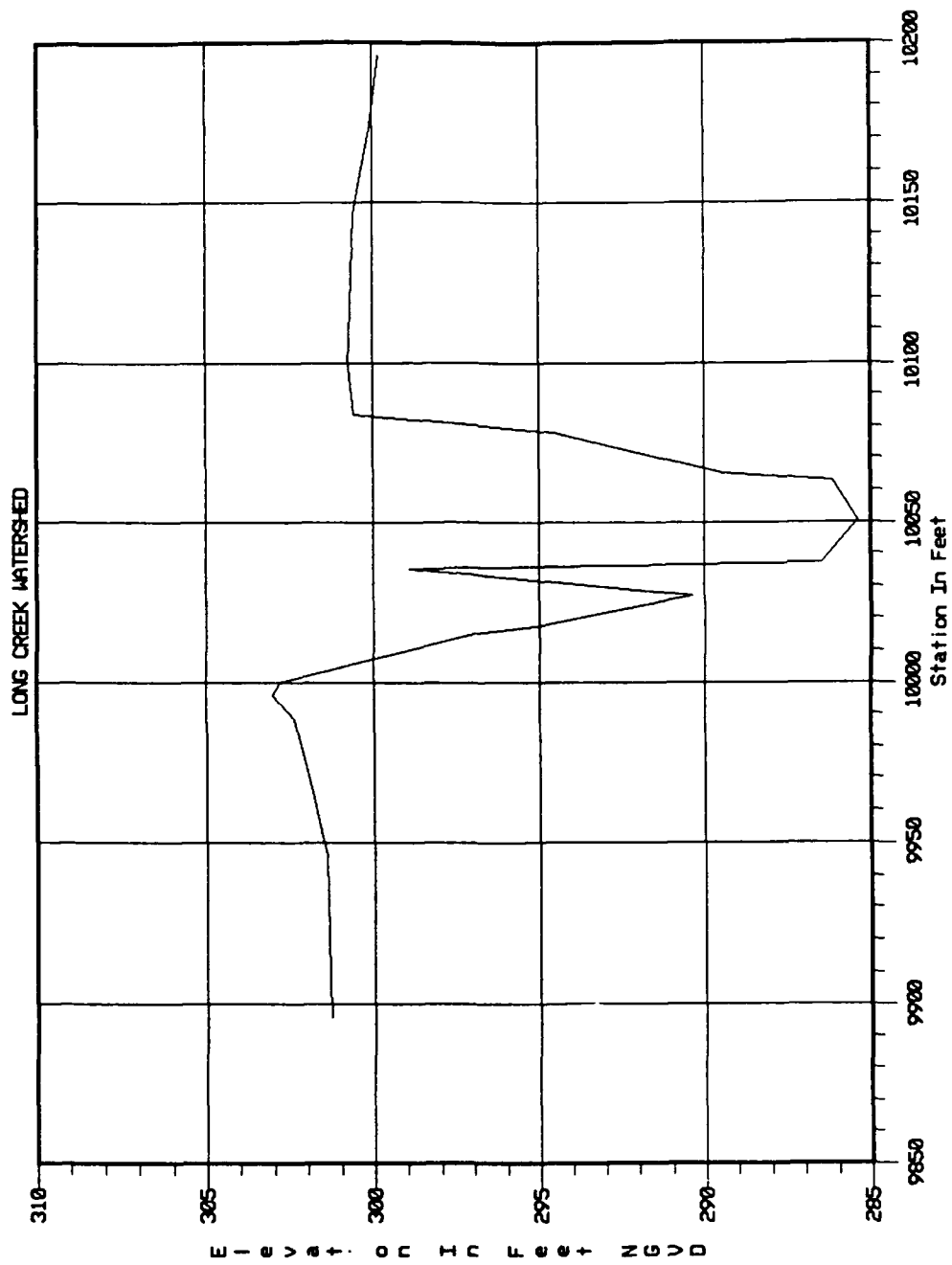
PLATE B63

PLATE B64

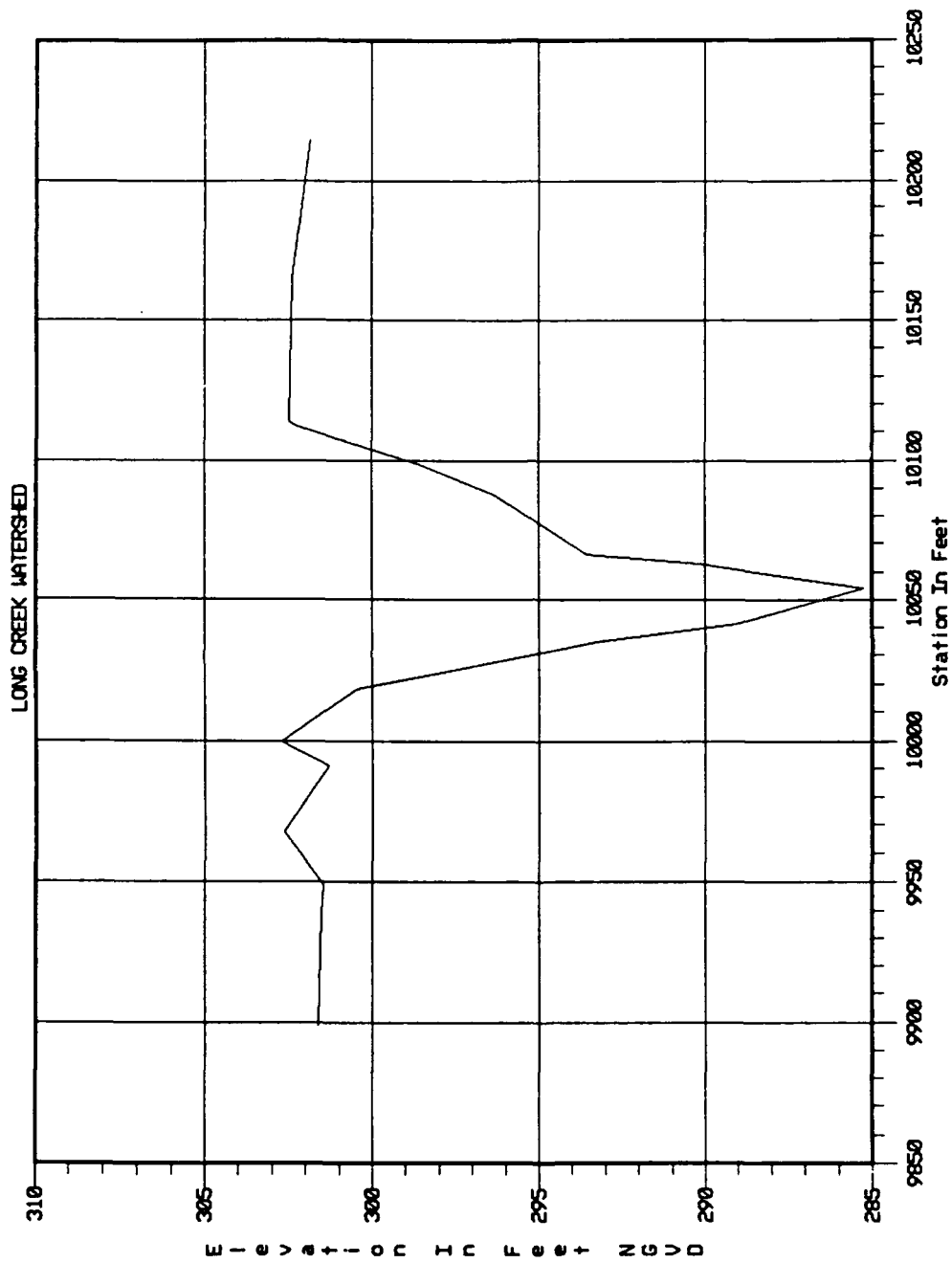




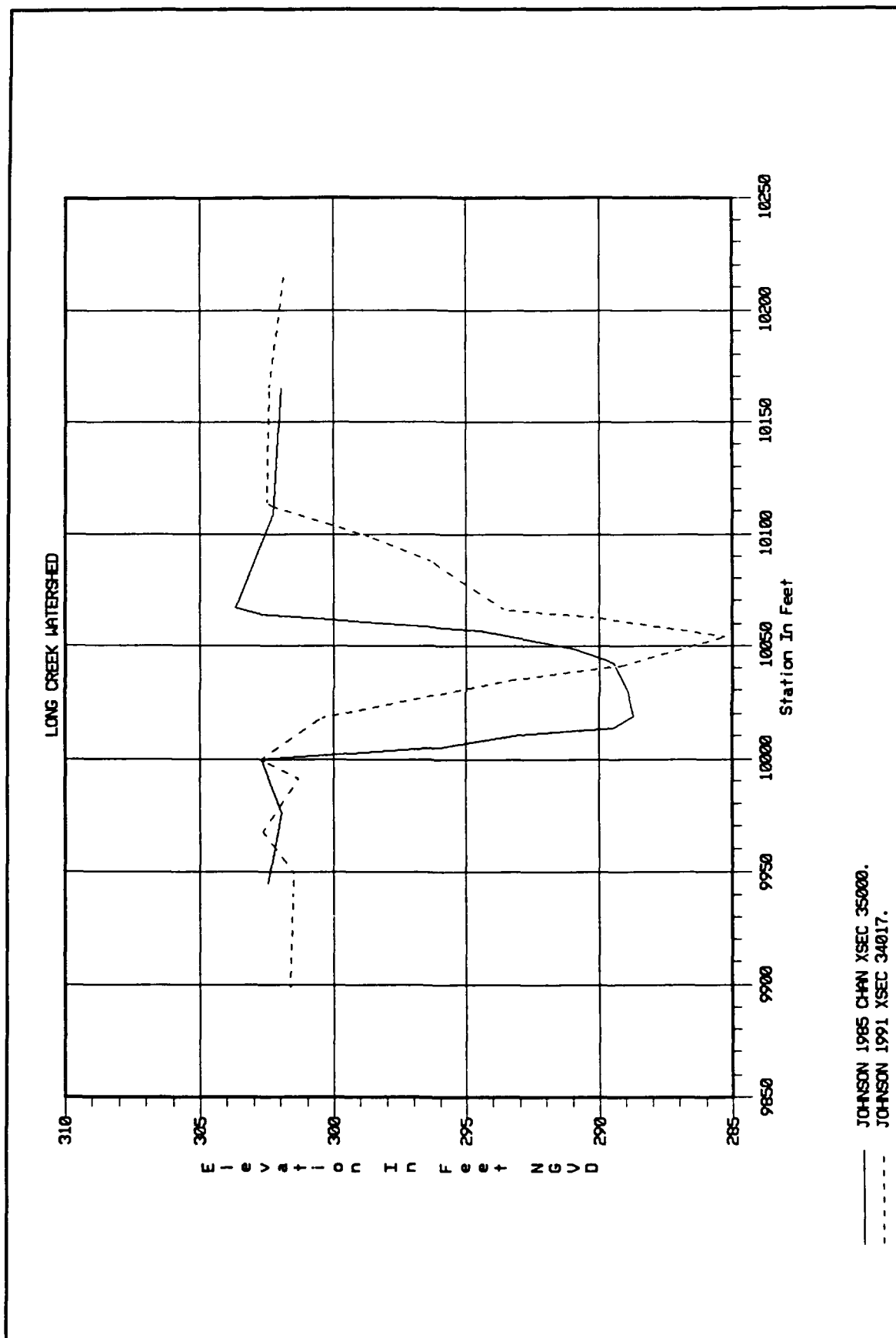




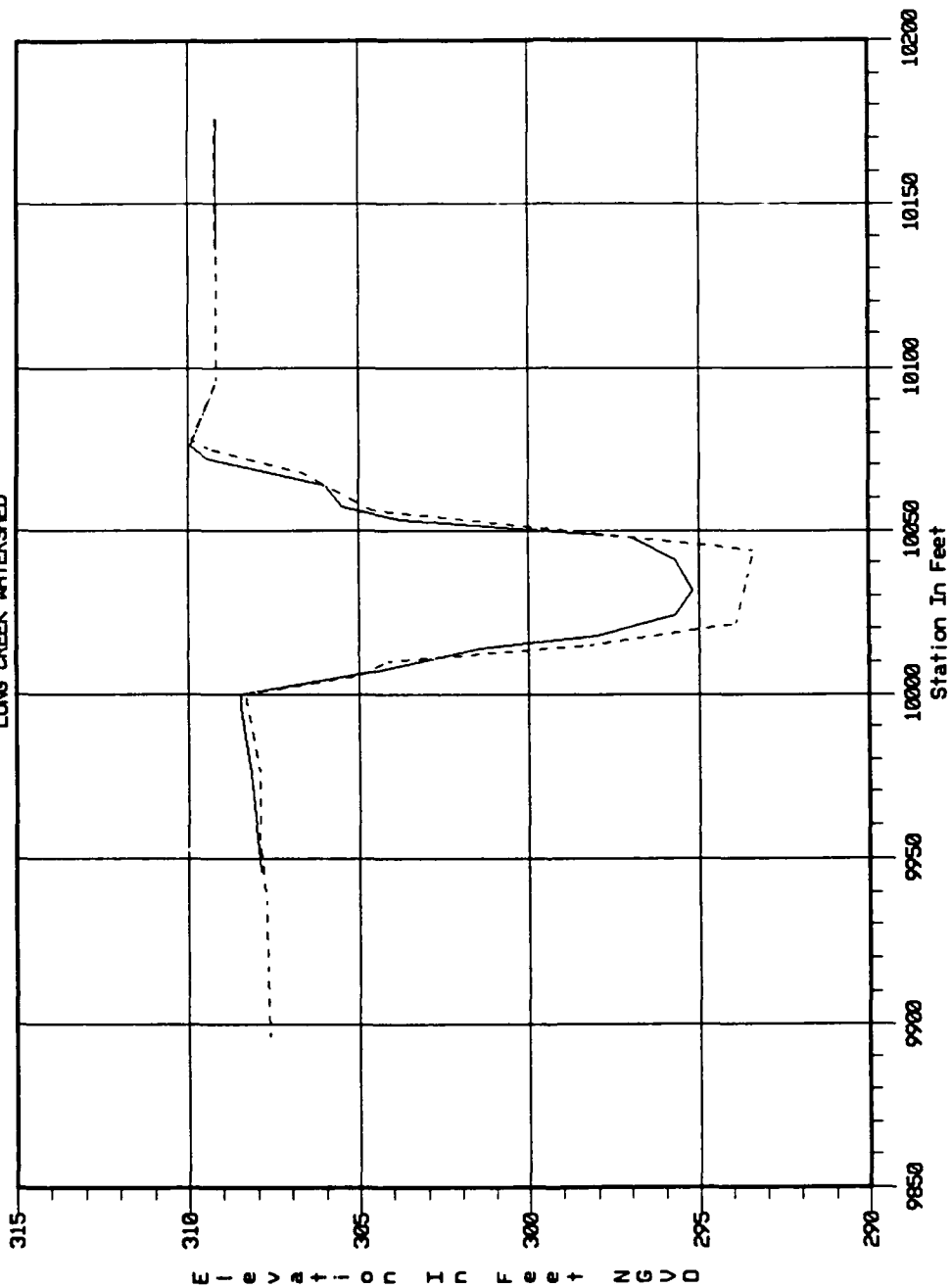
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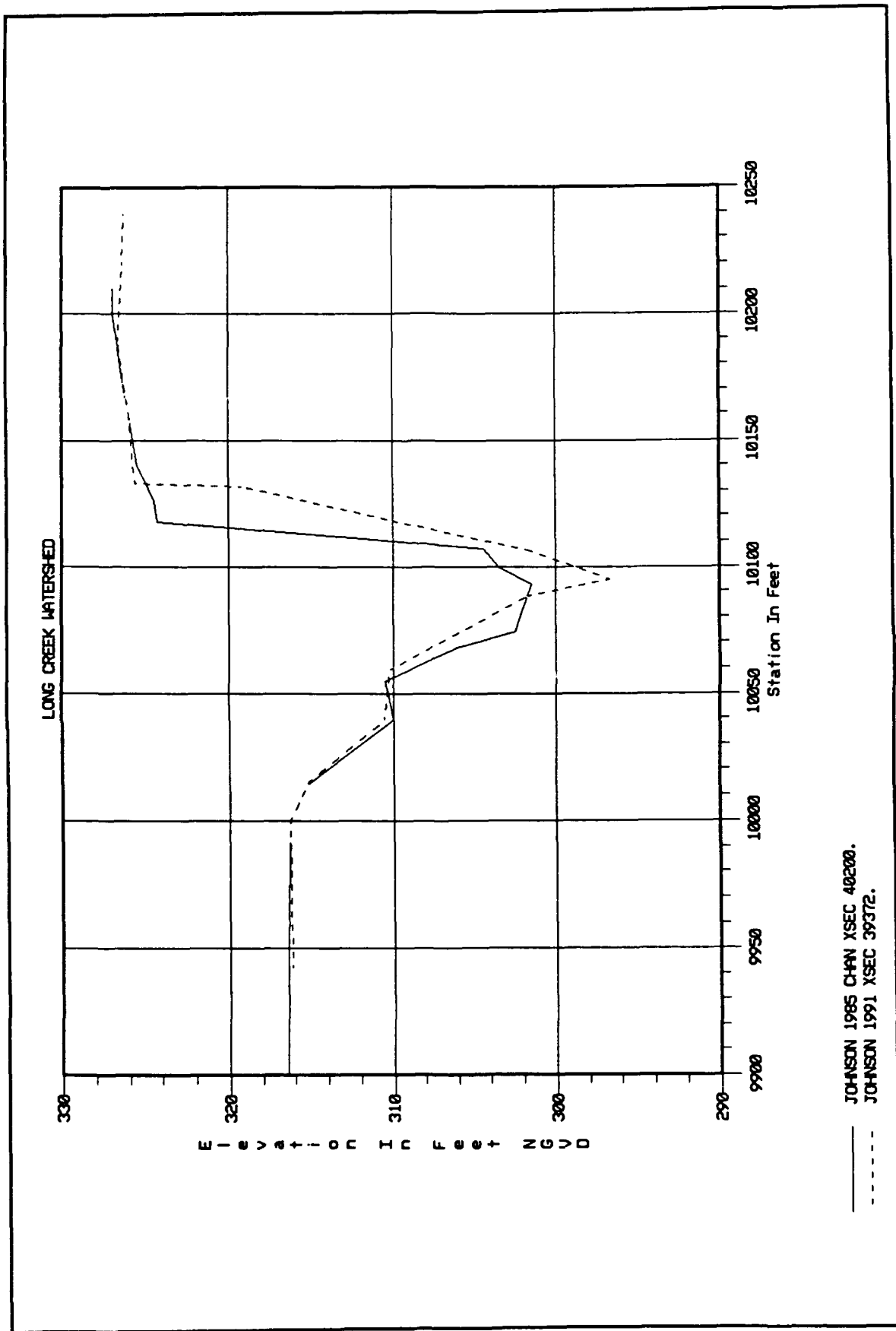
— JOHNSON 1991 XSEC 34017.



LONG CREEK WATERSHED



— JOHNSON 1985 CHAN XSEC 37800.
- - - JOHNSON 1991 XSEC 36739.



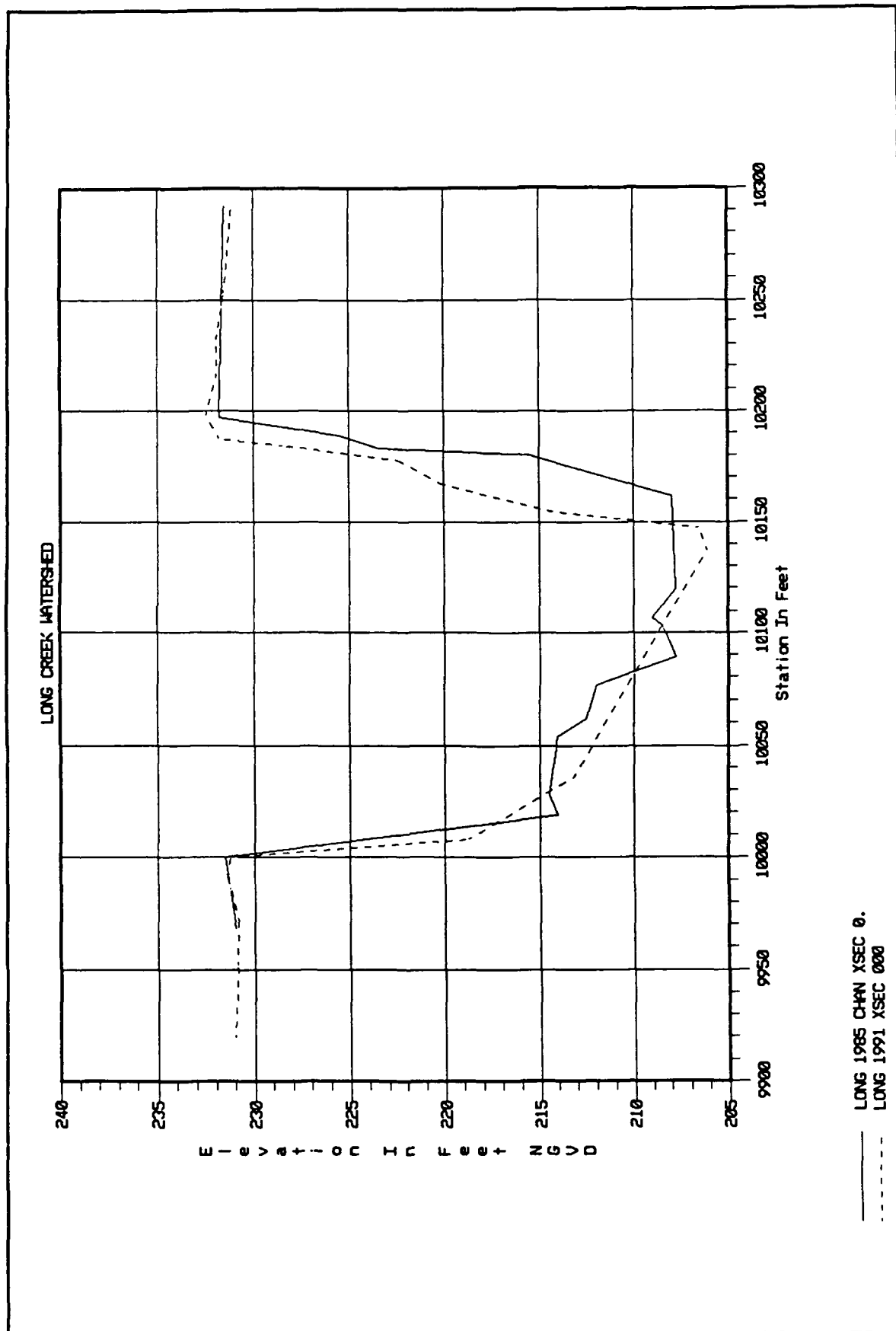
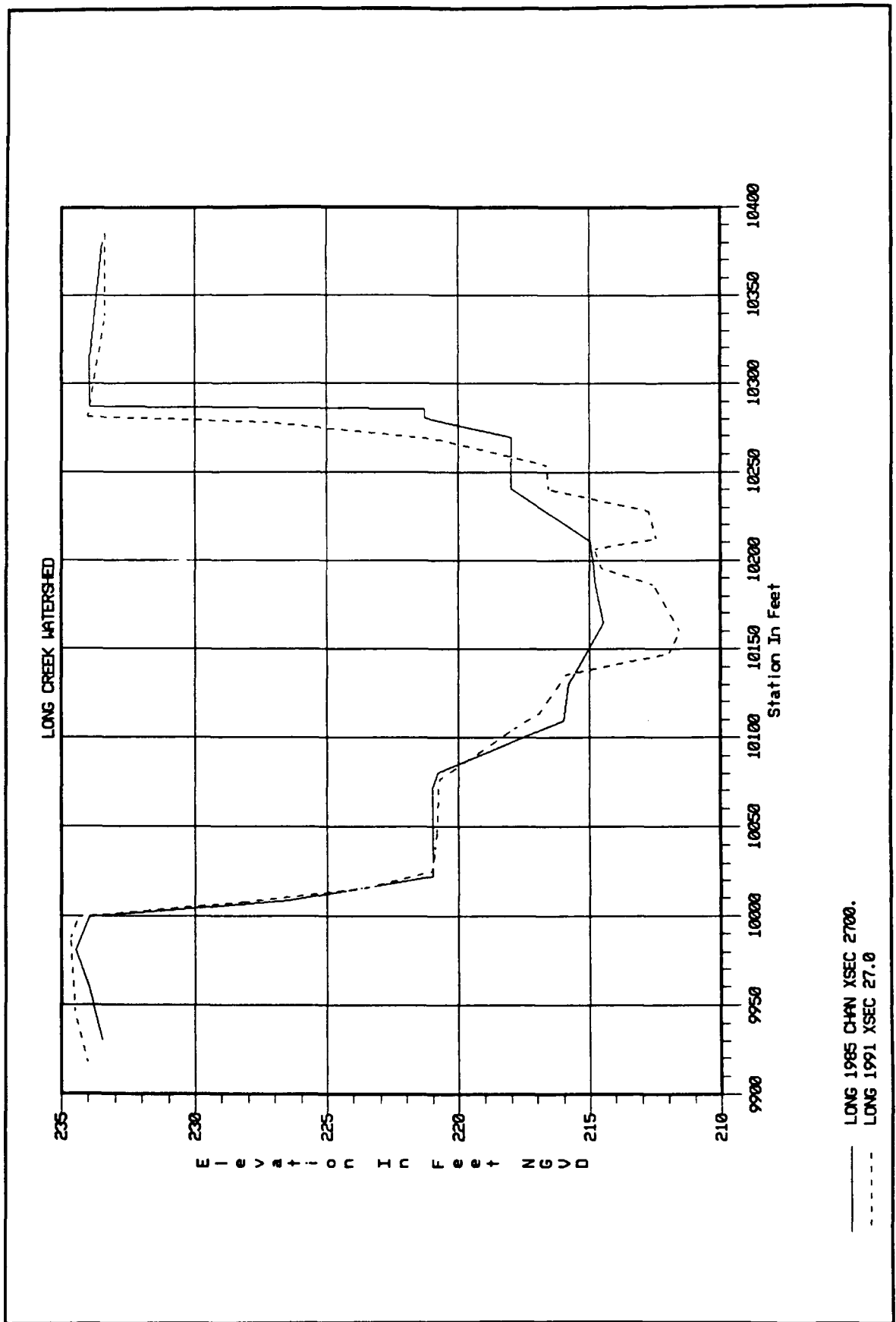


PLATE B72



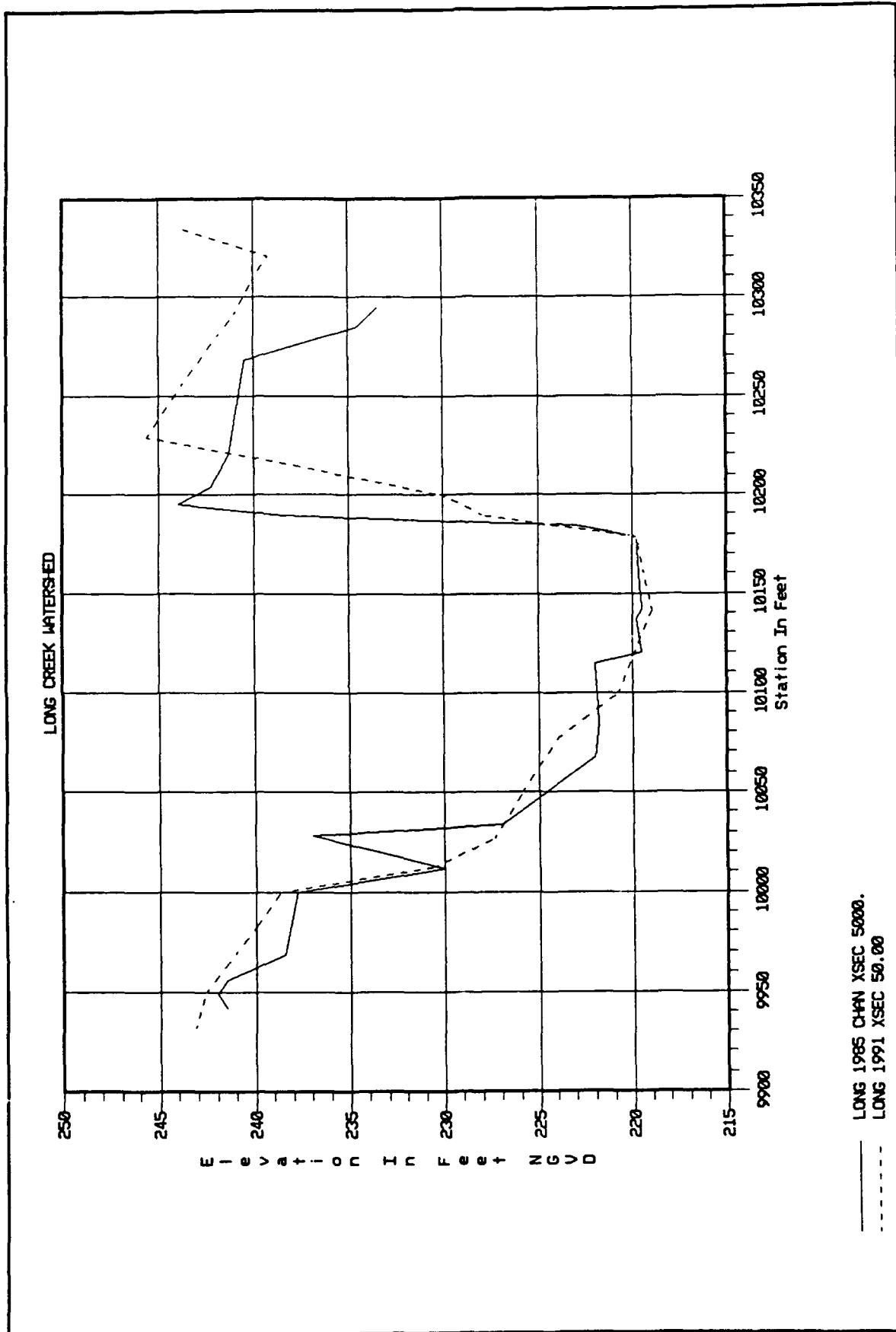
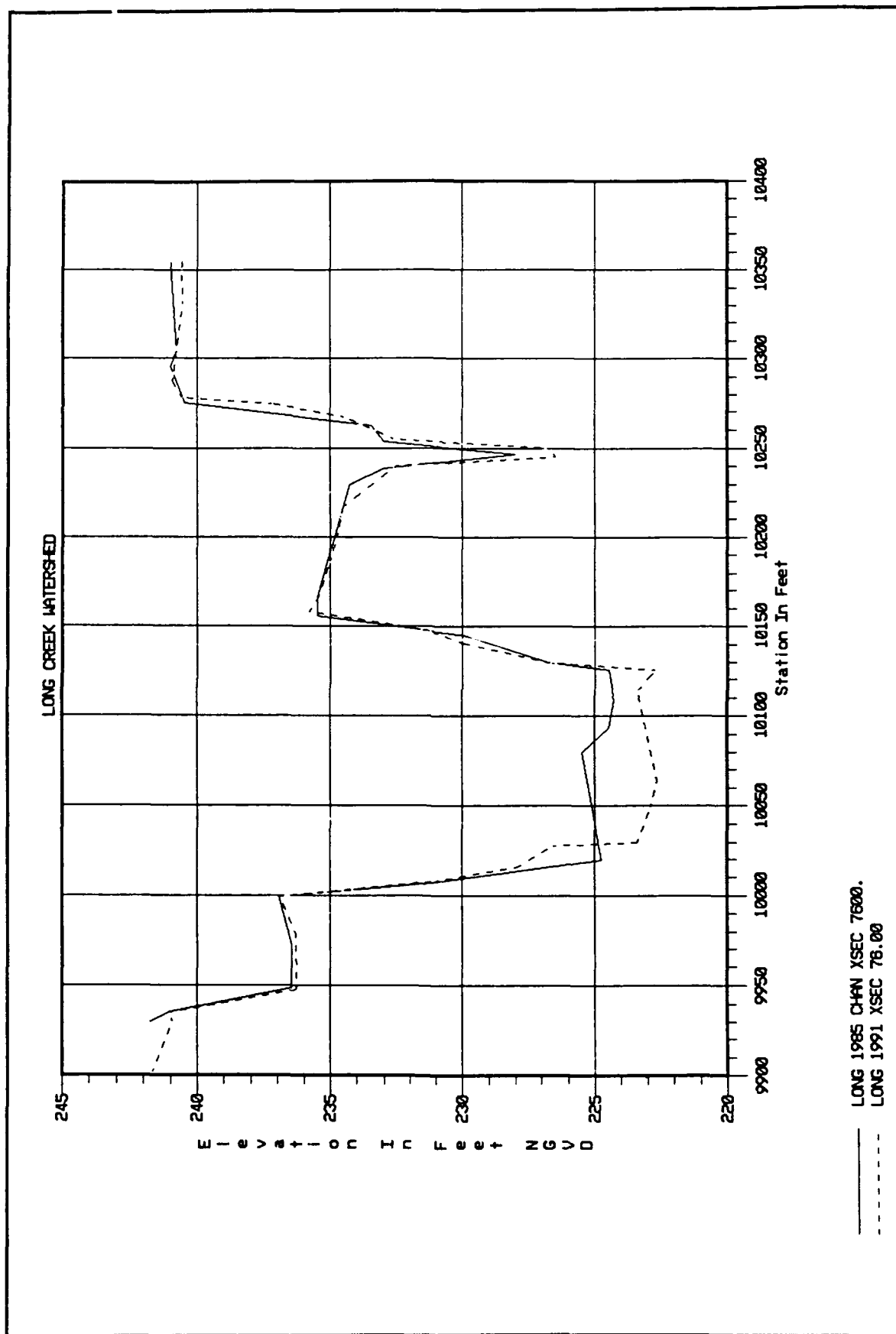


PLATE B74



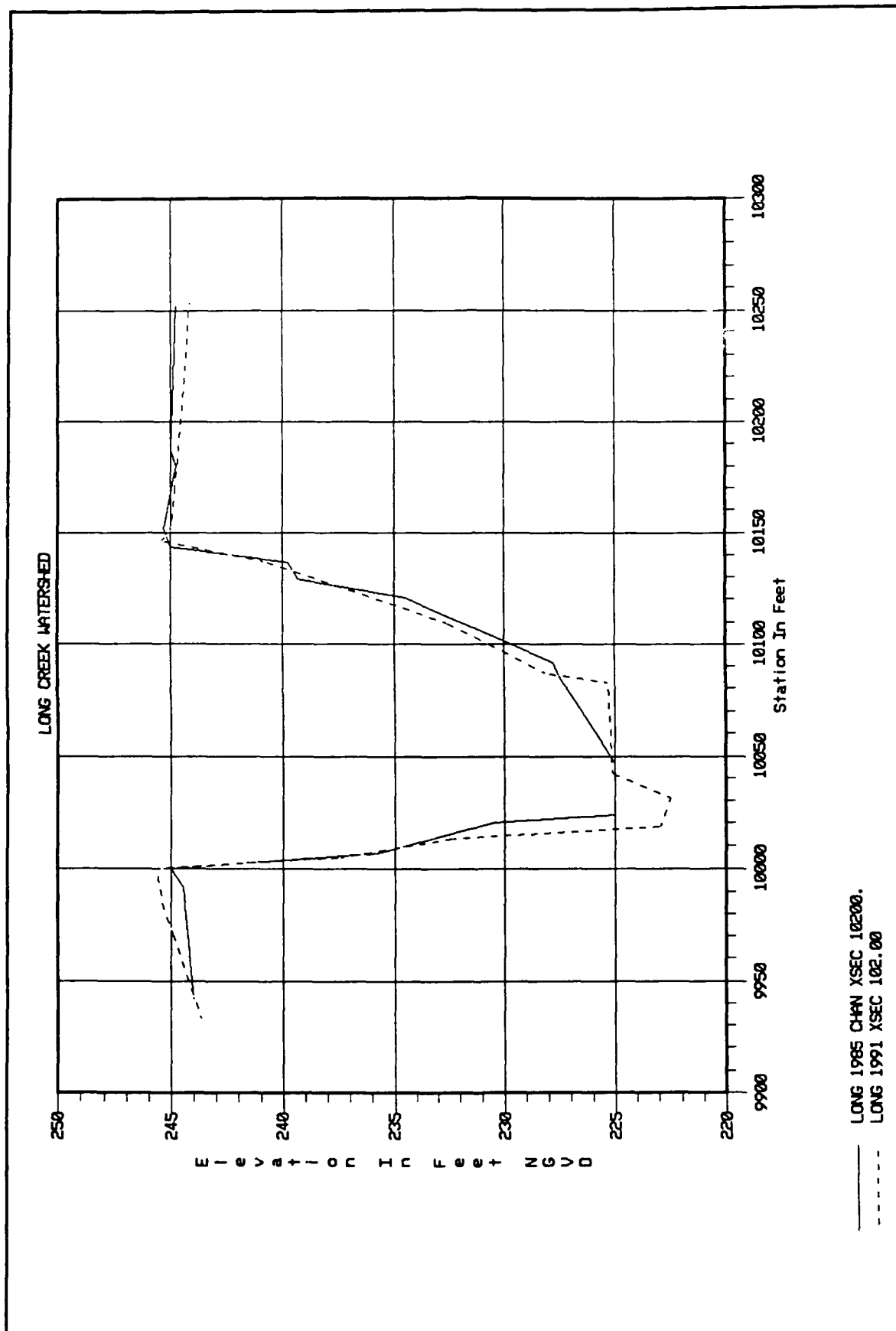
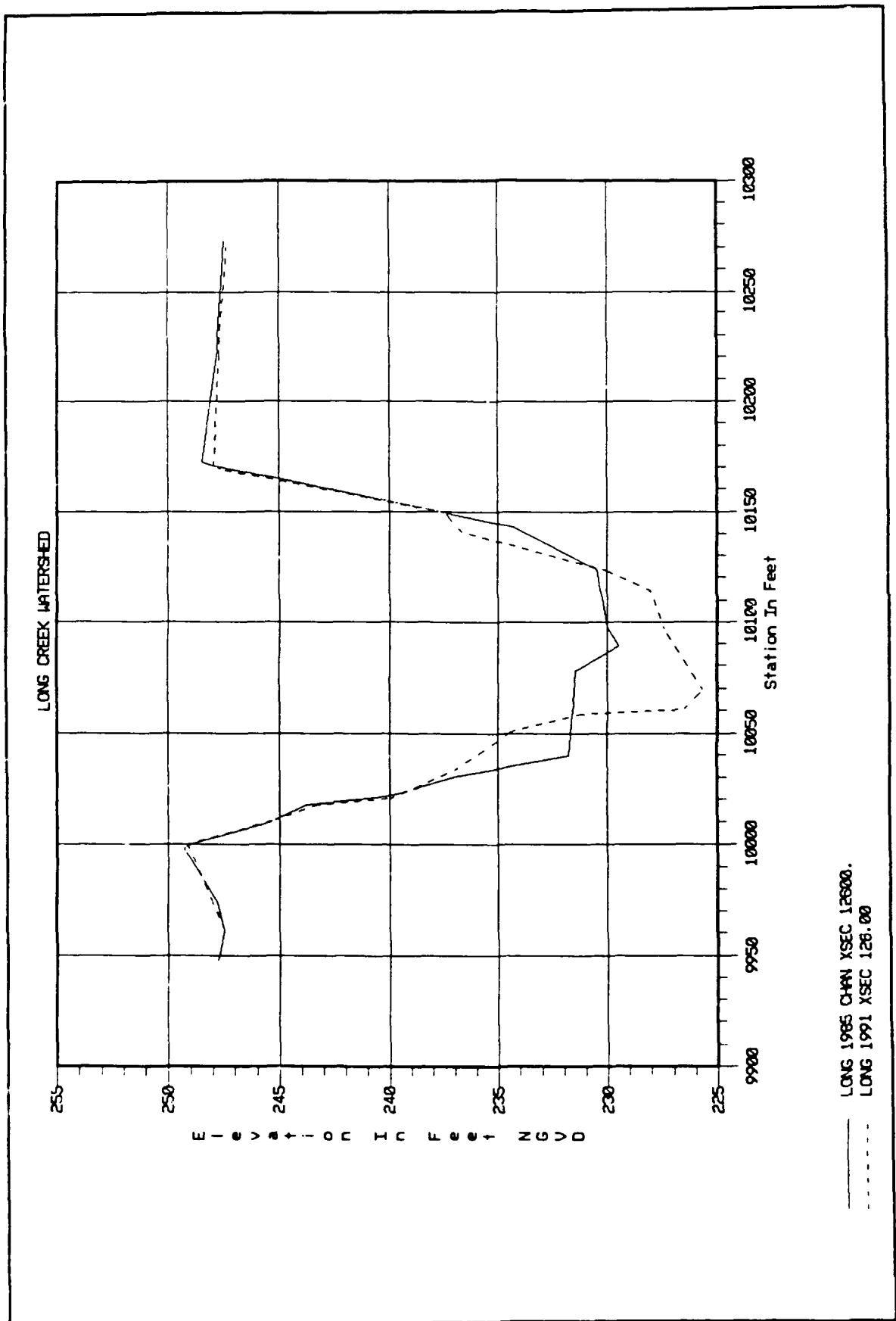


PLATE B76



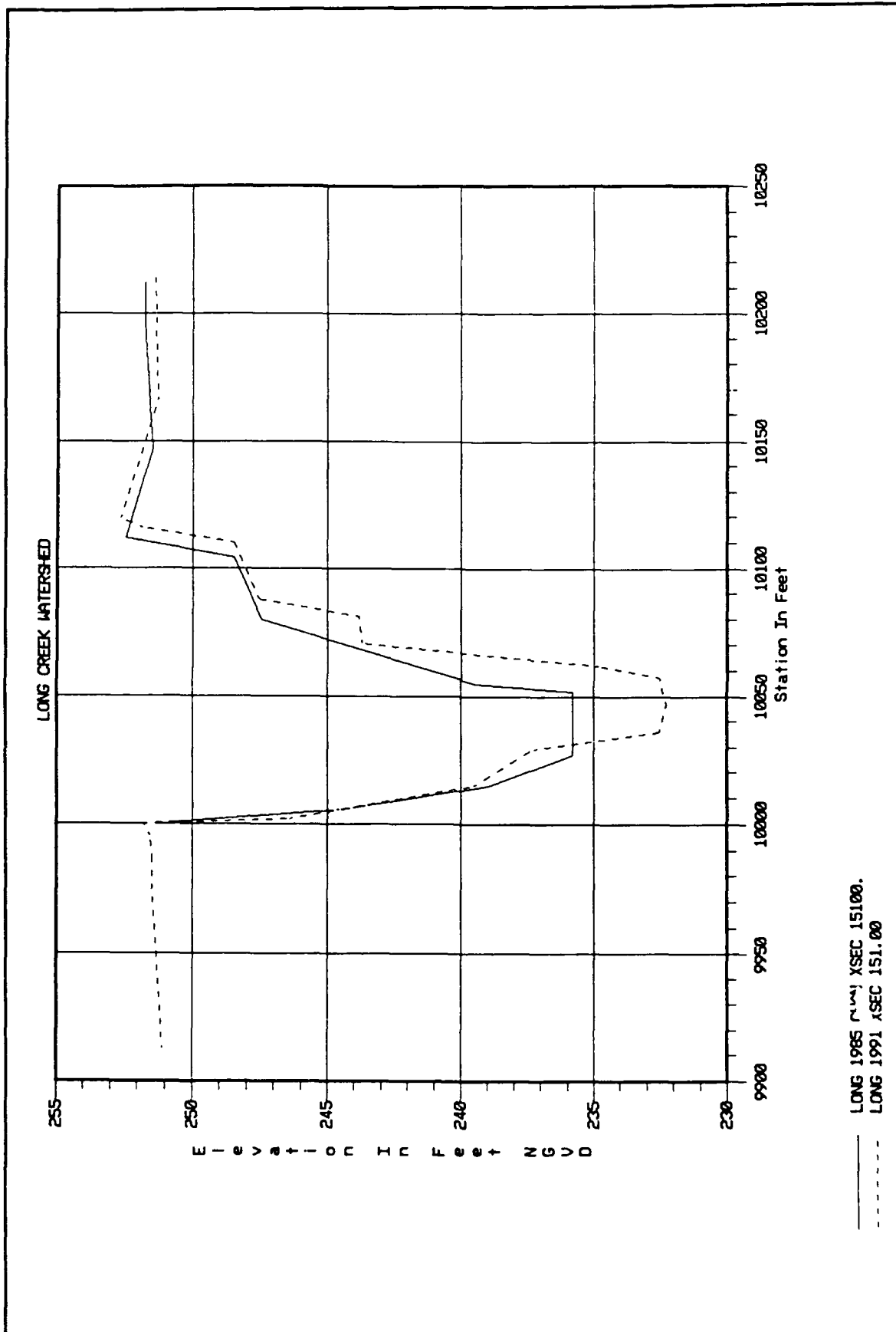
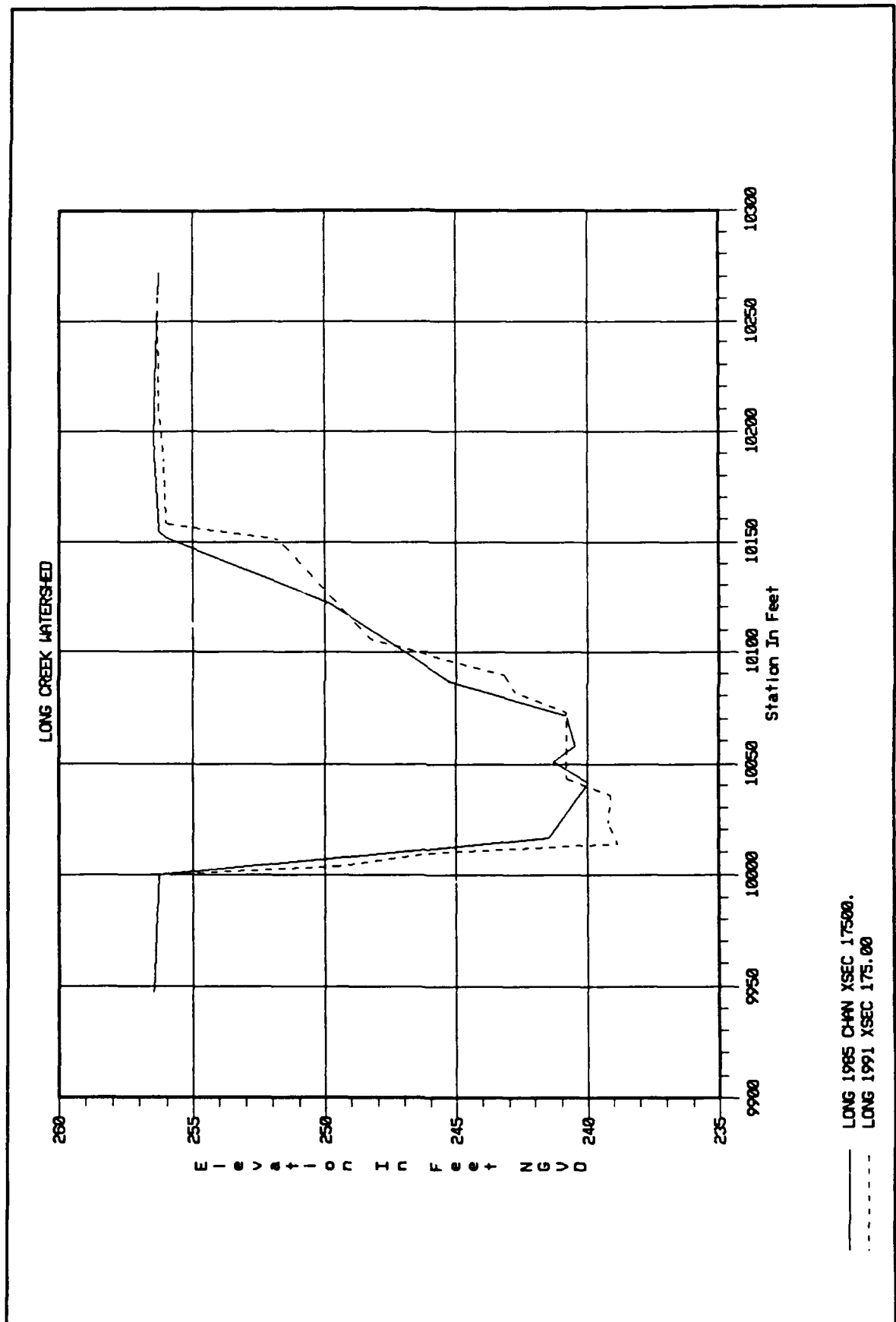


PLATE B78



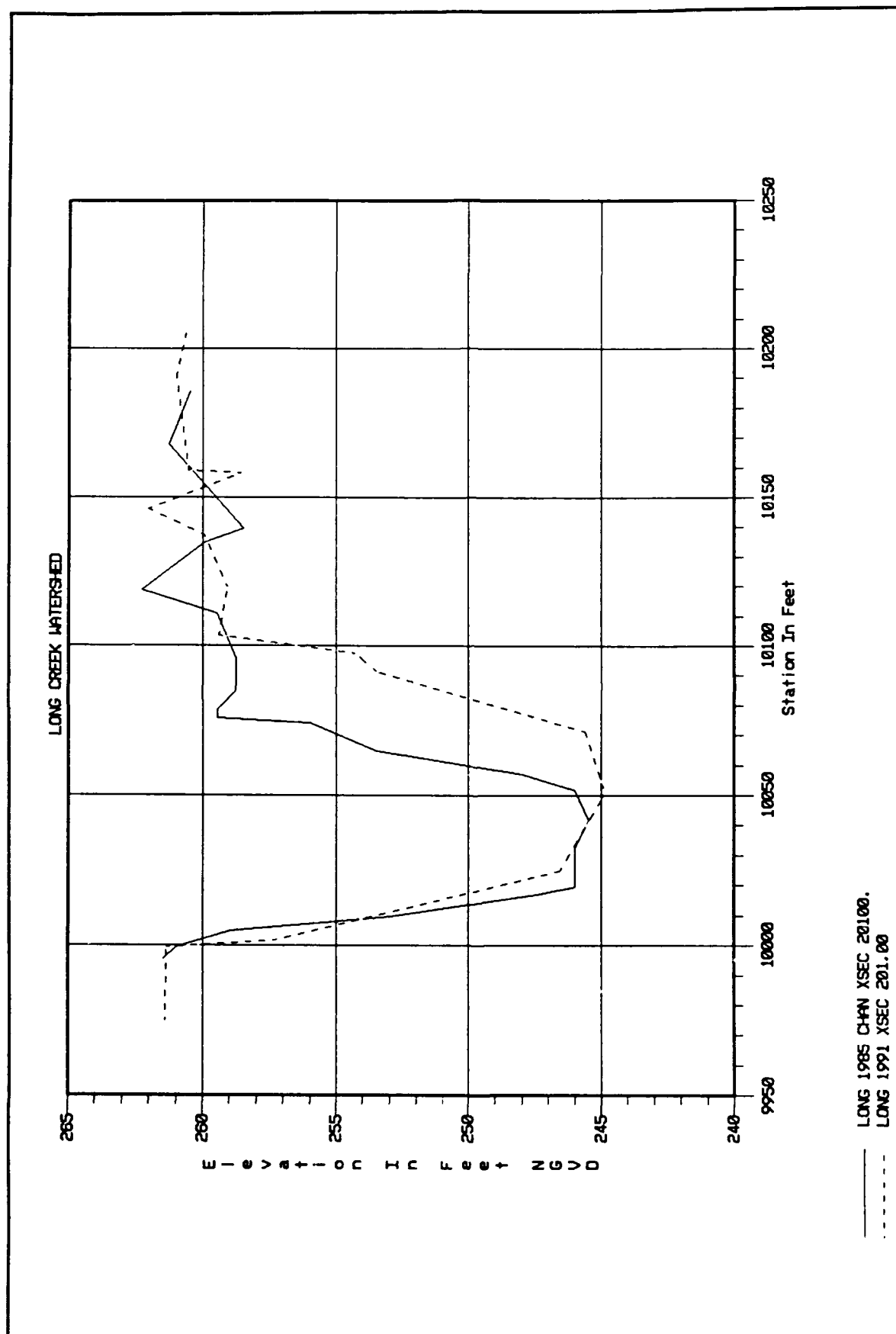


PLATE B80

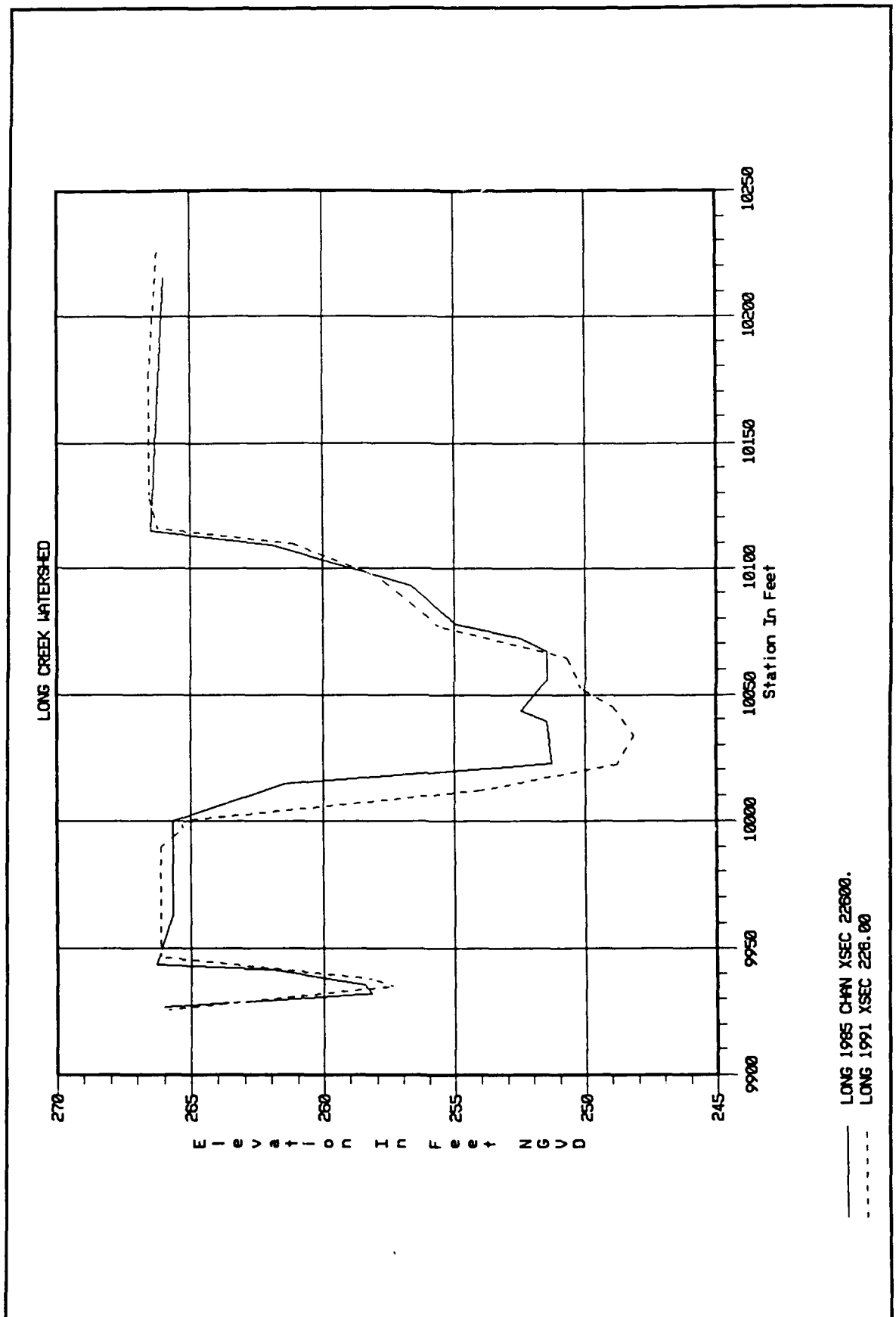
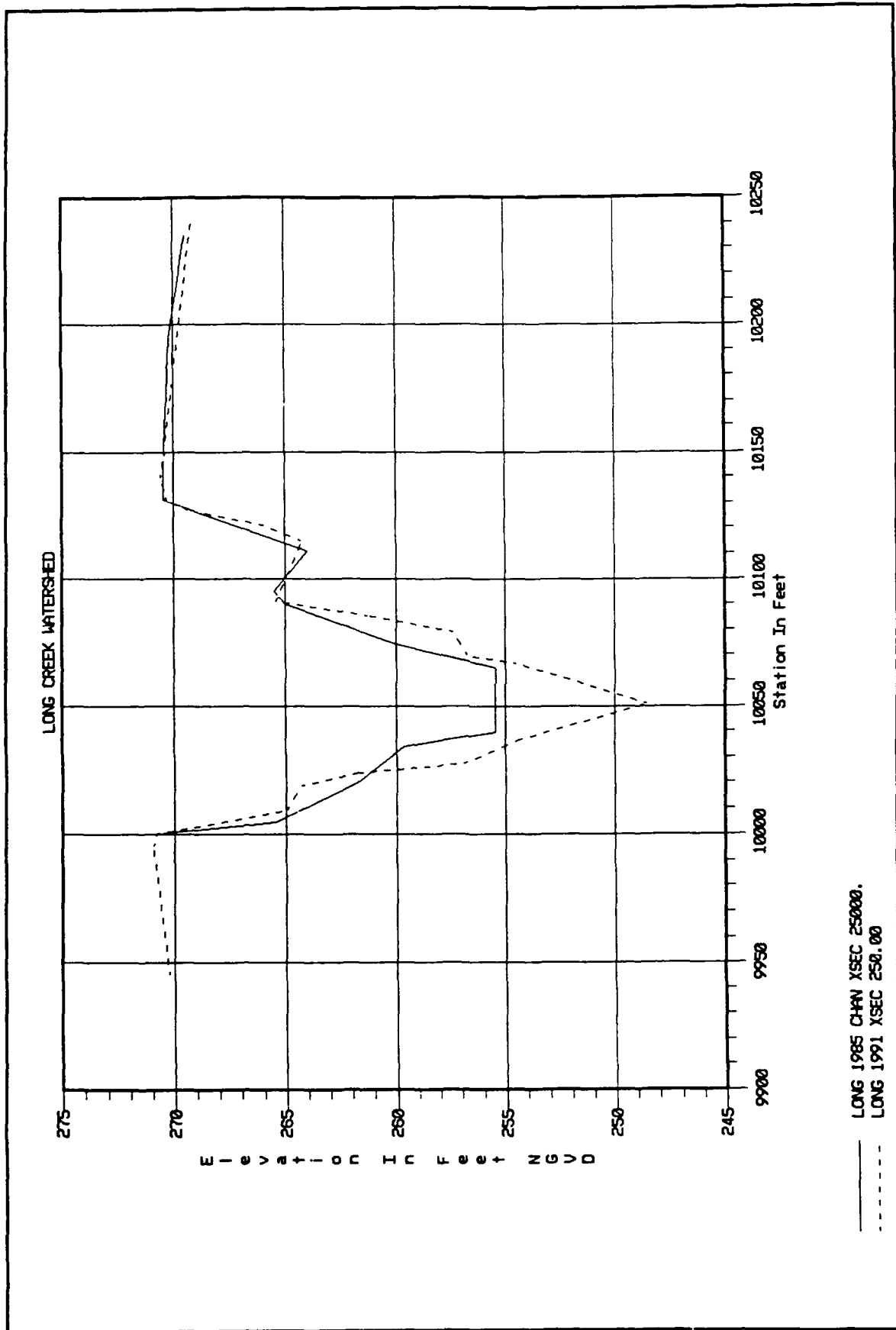
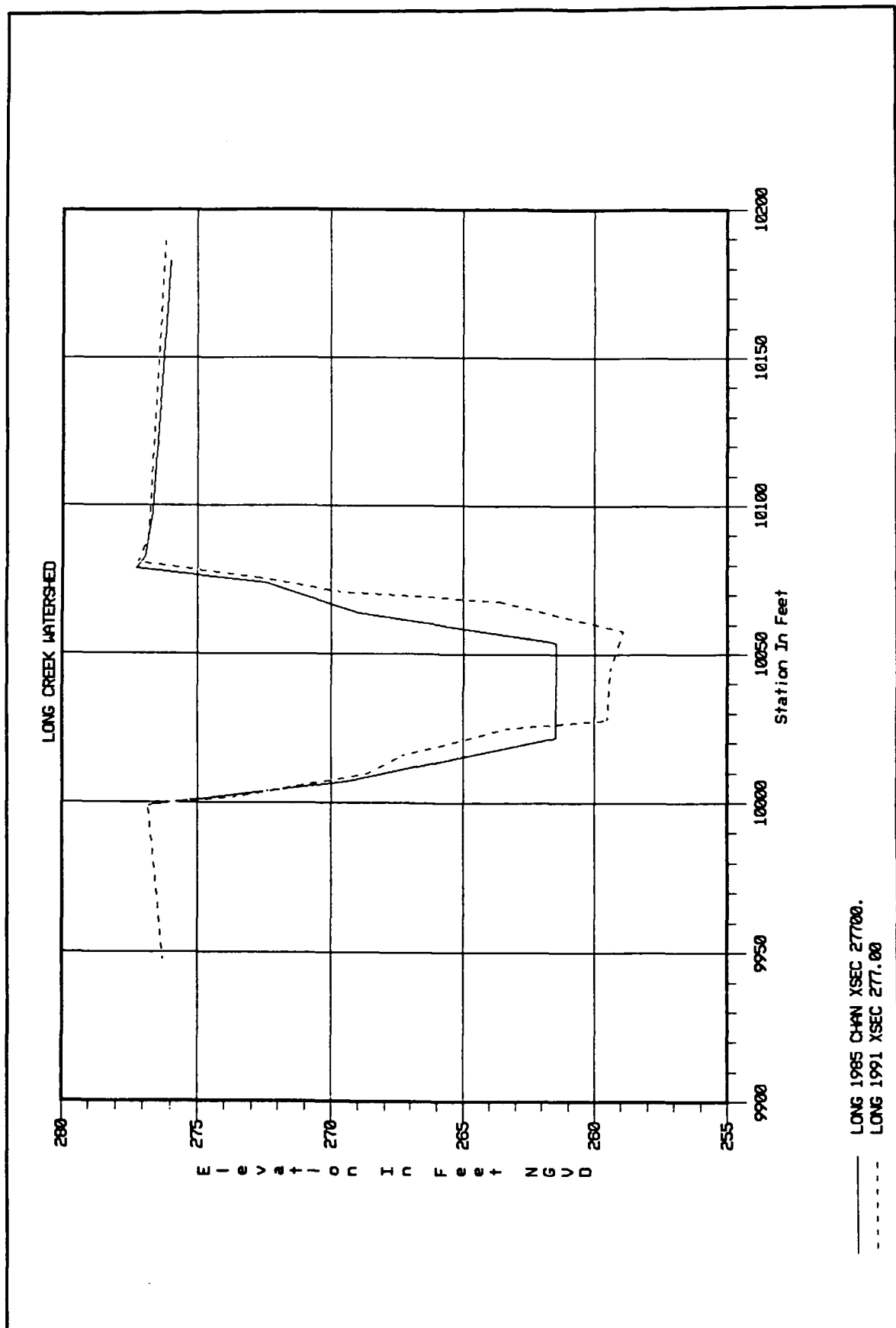
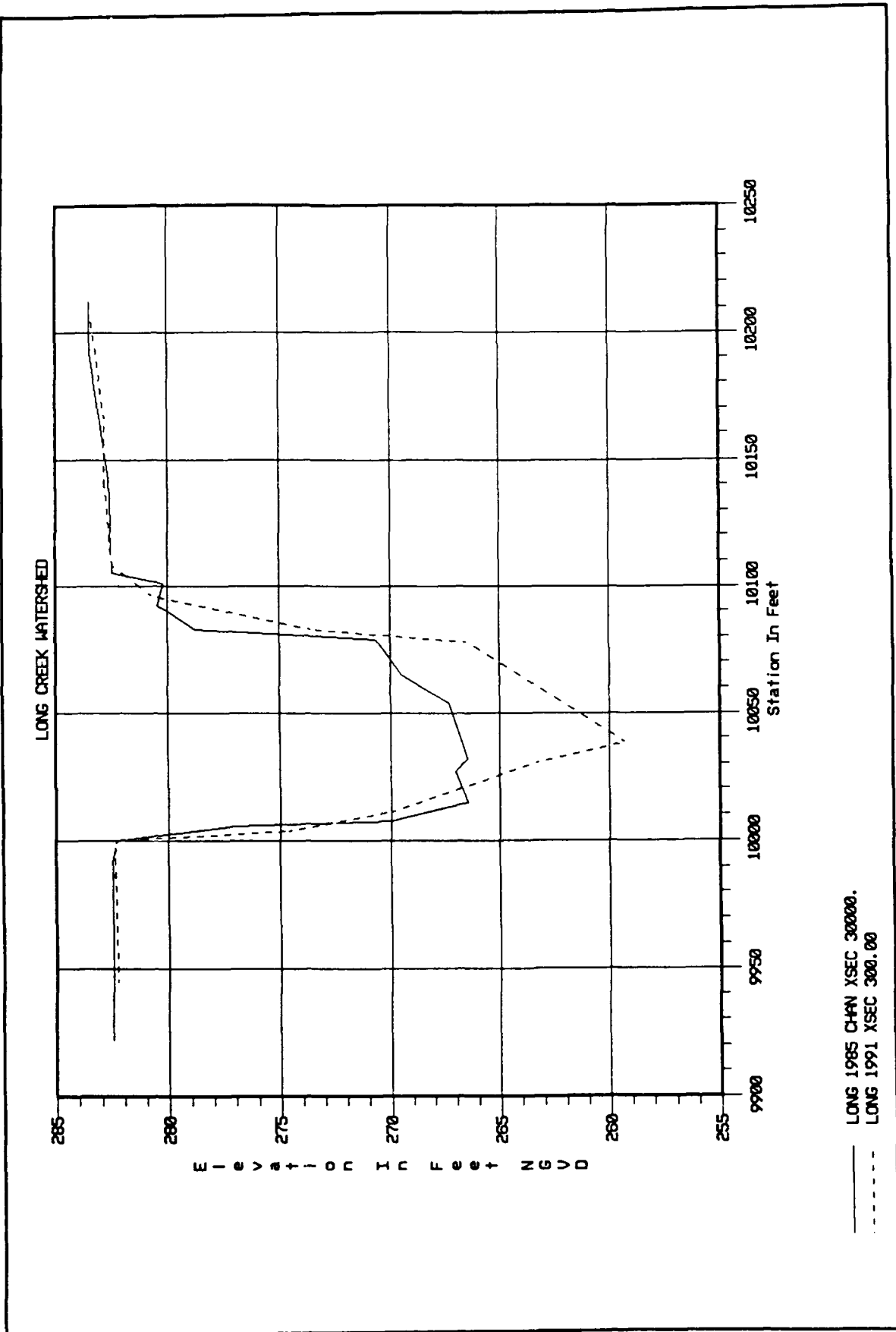
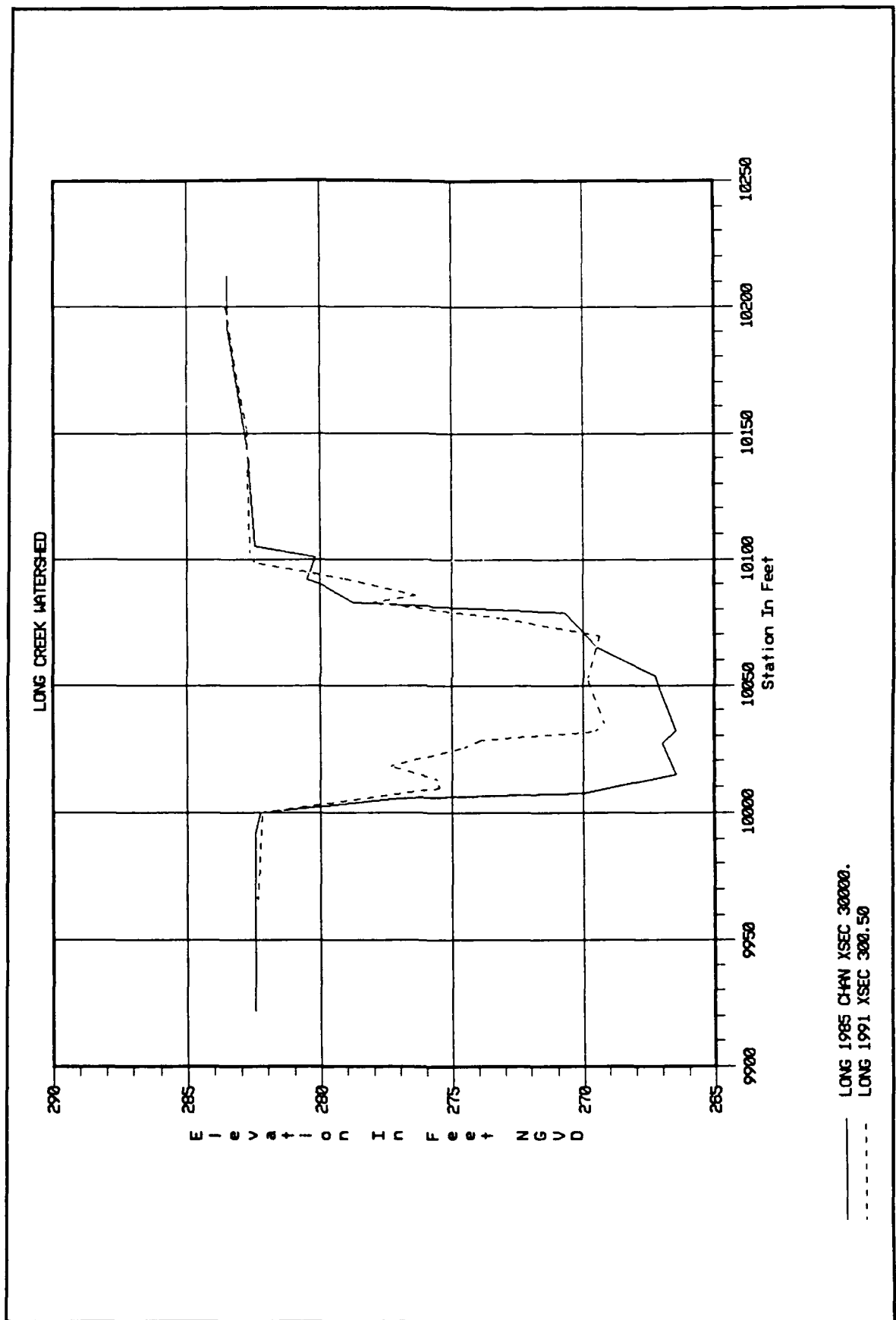


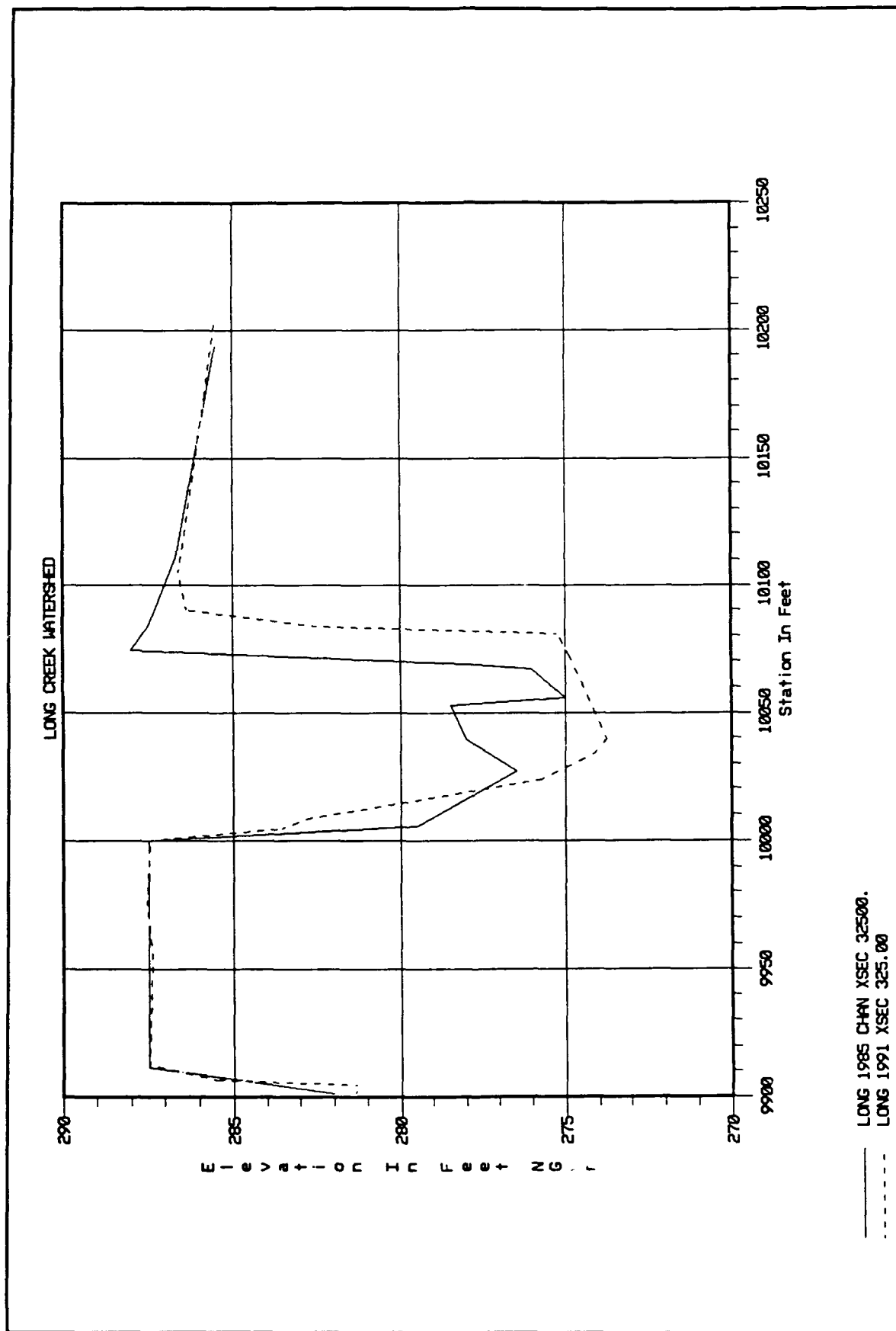
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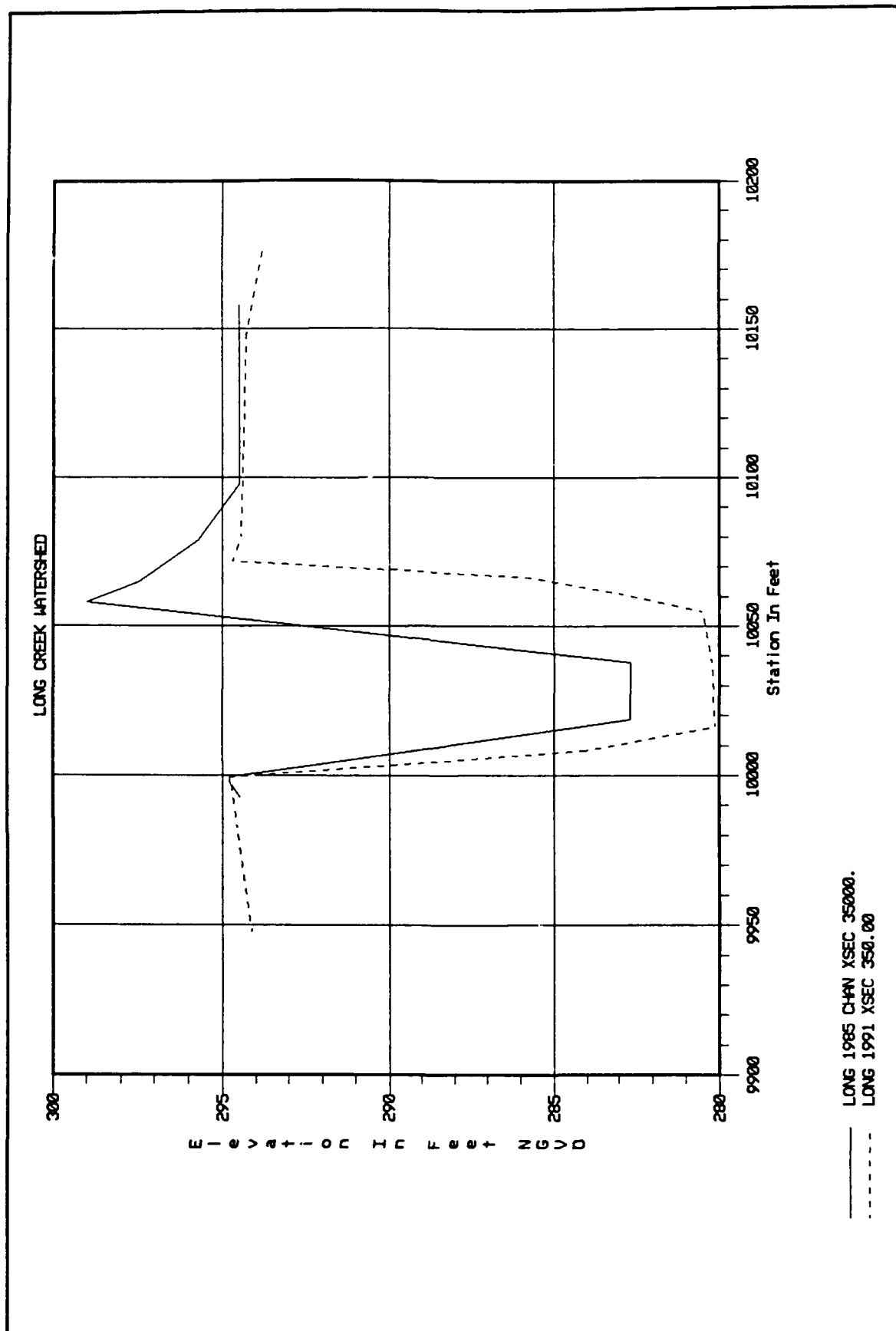
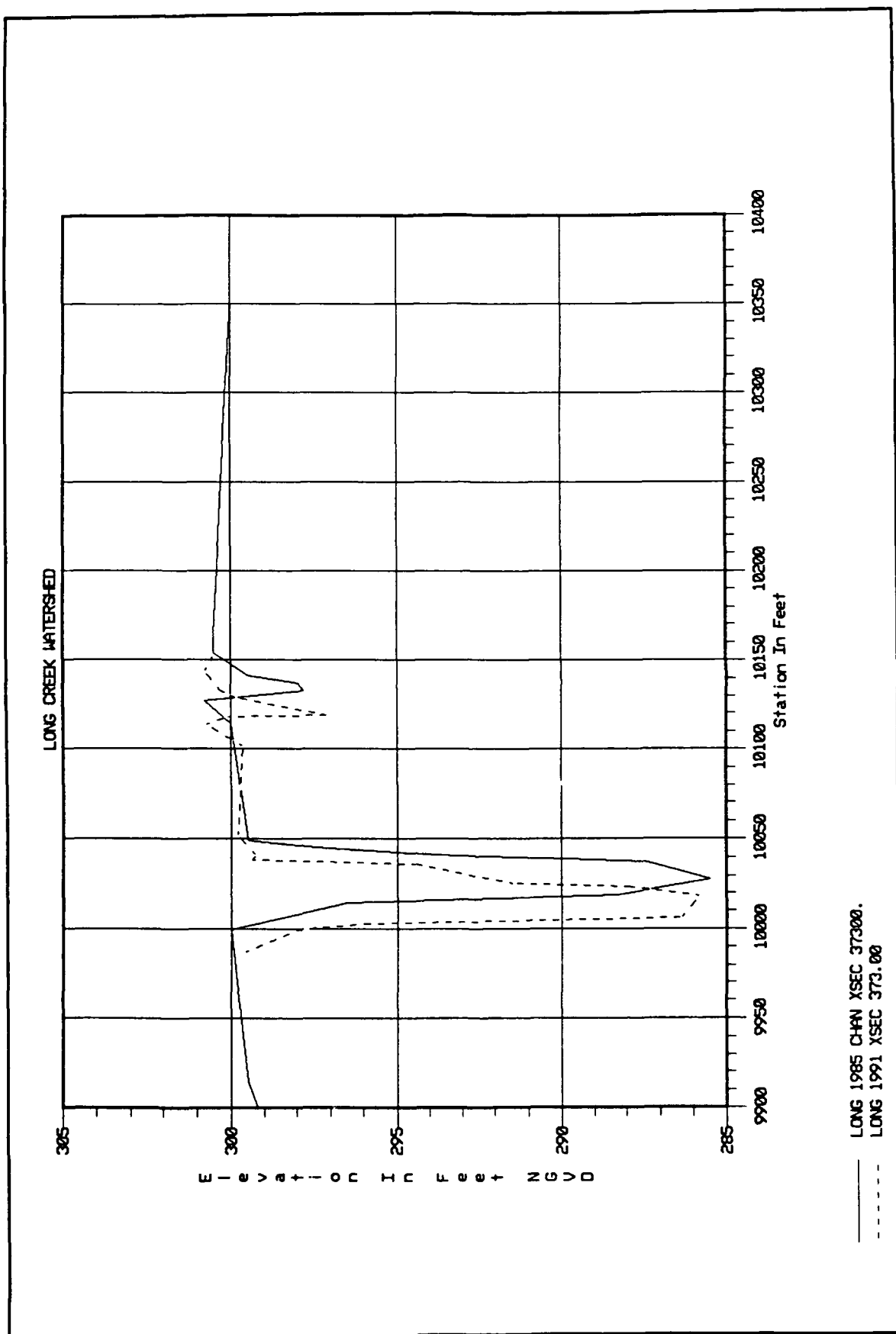
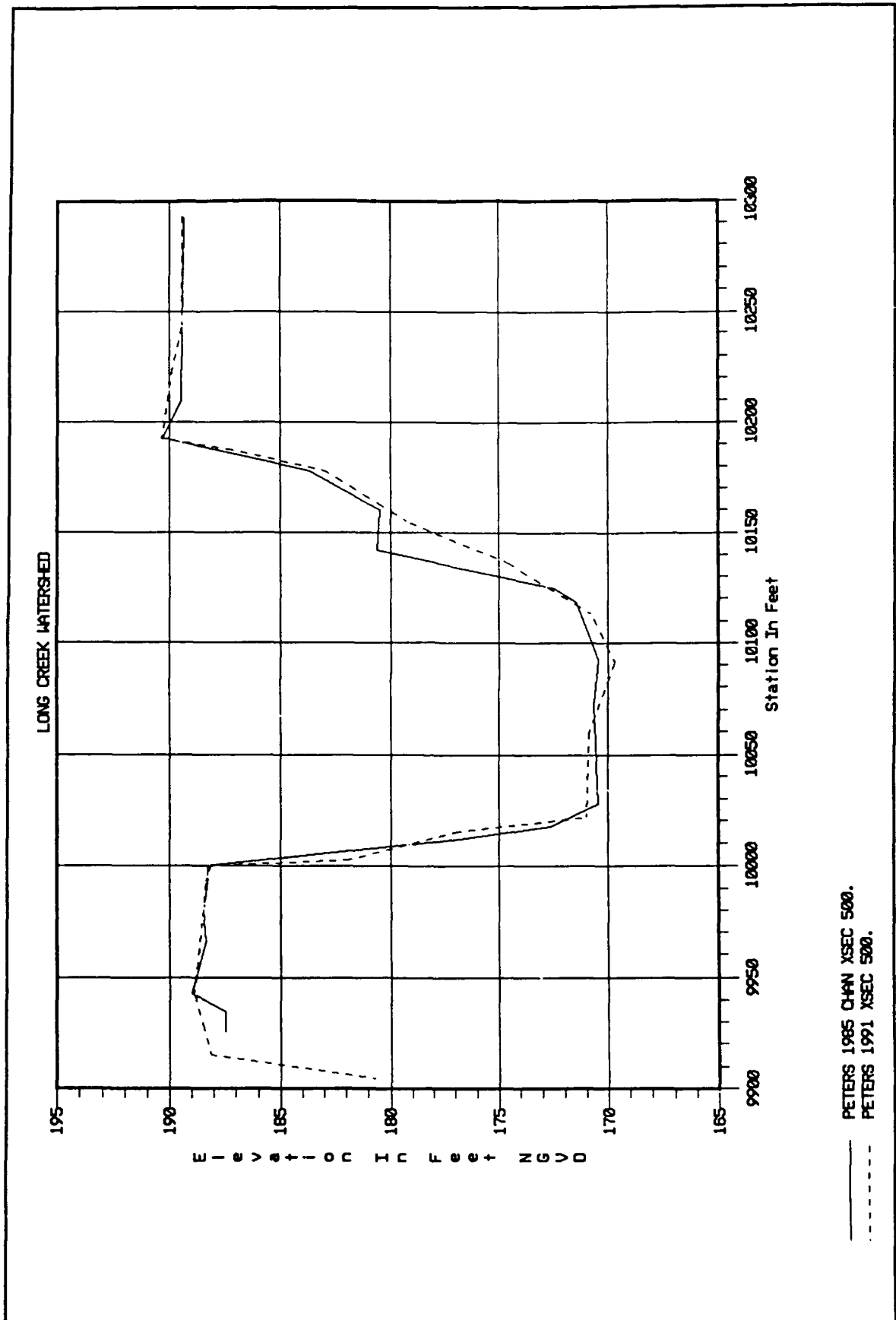


PLATE B87

PLATE B88





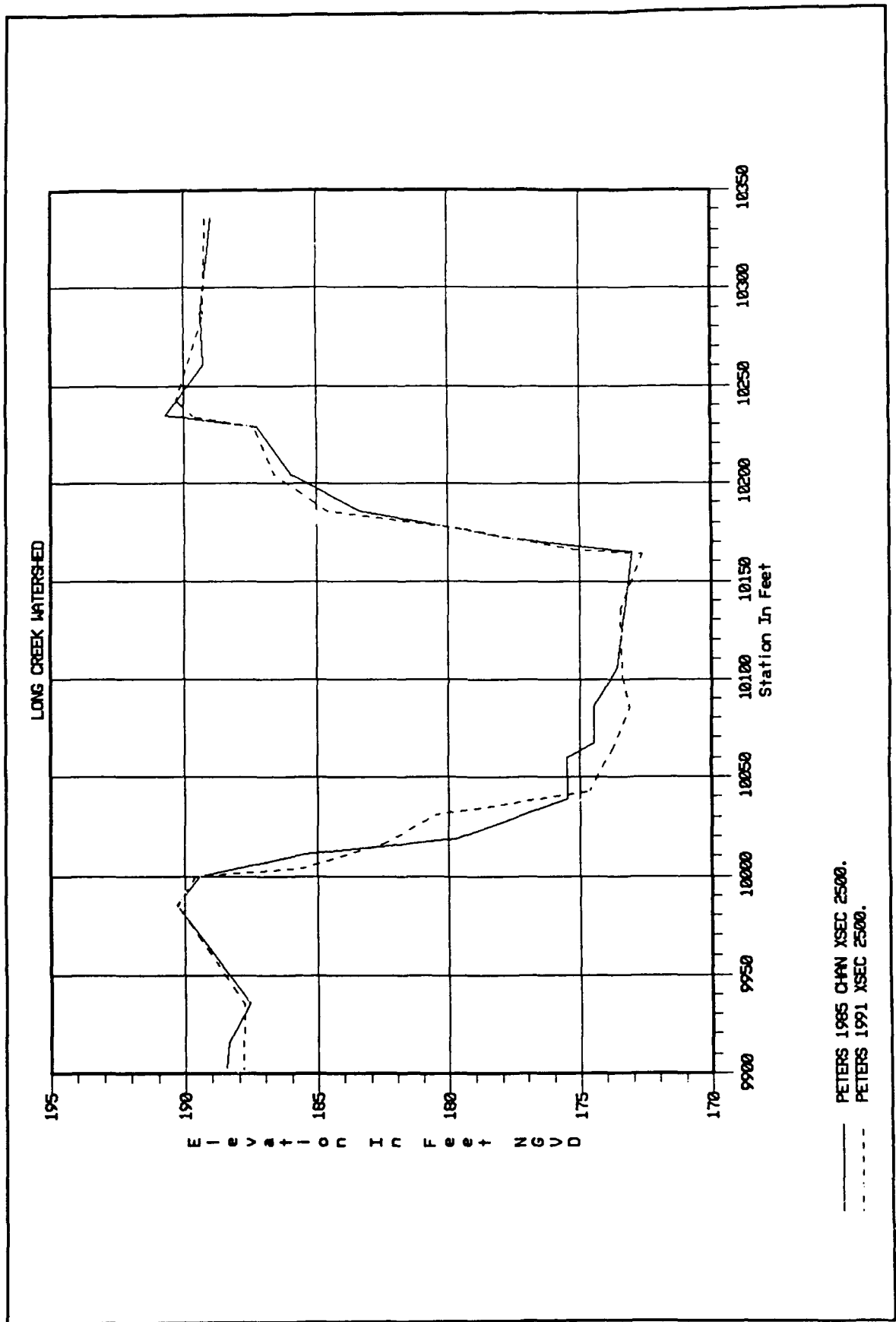


PLATE B90

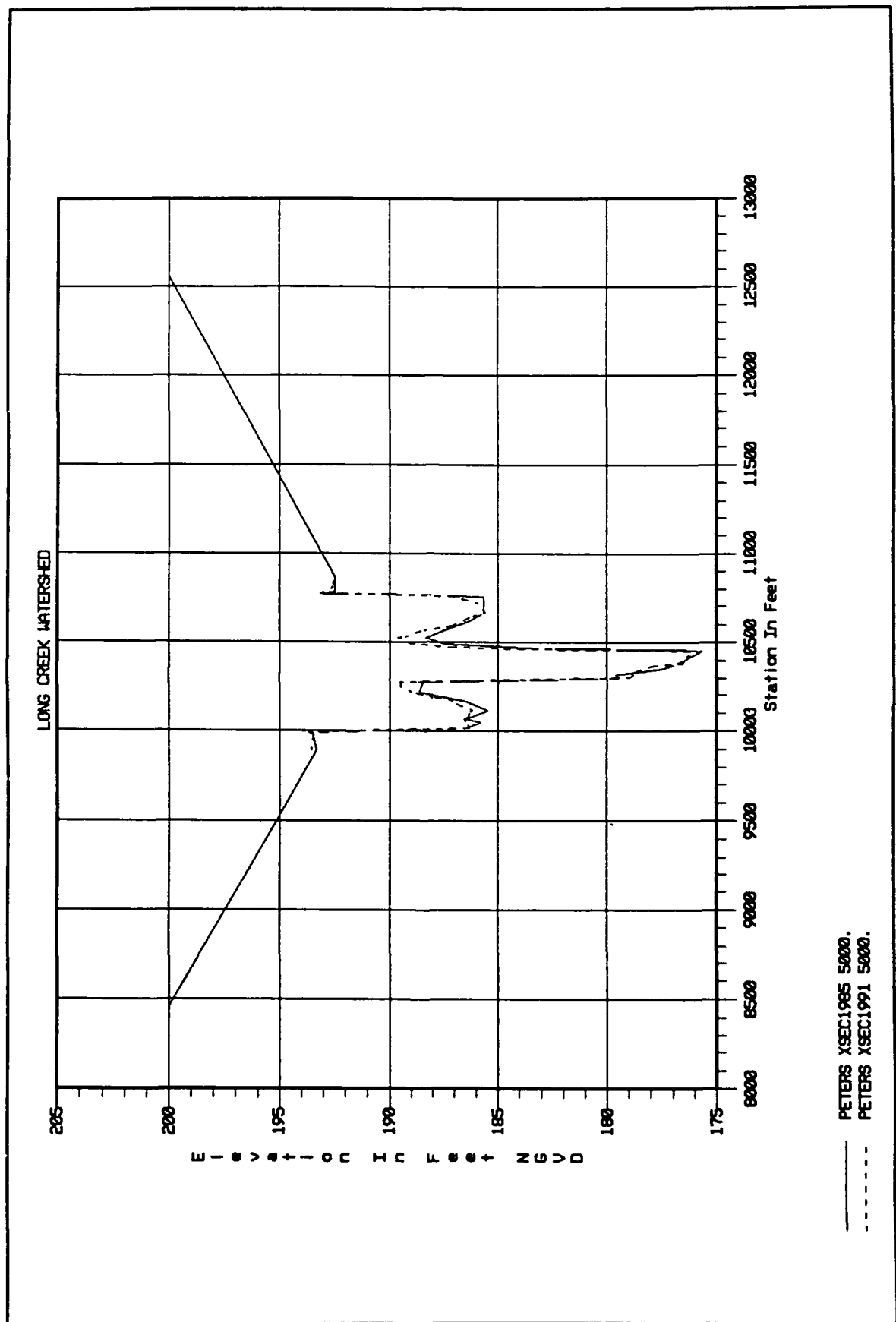
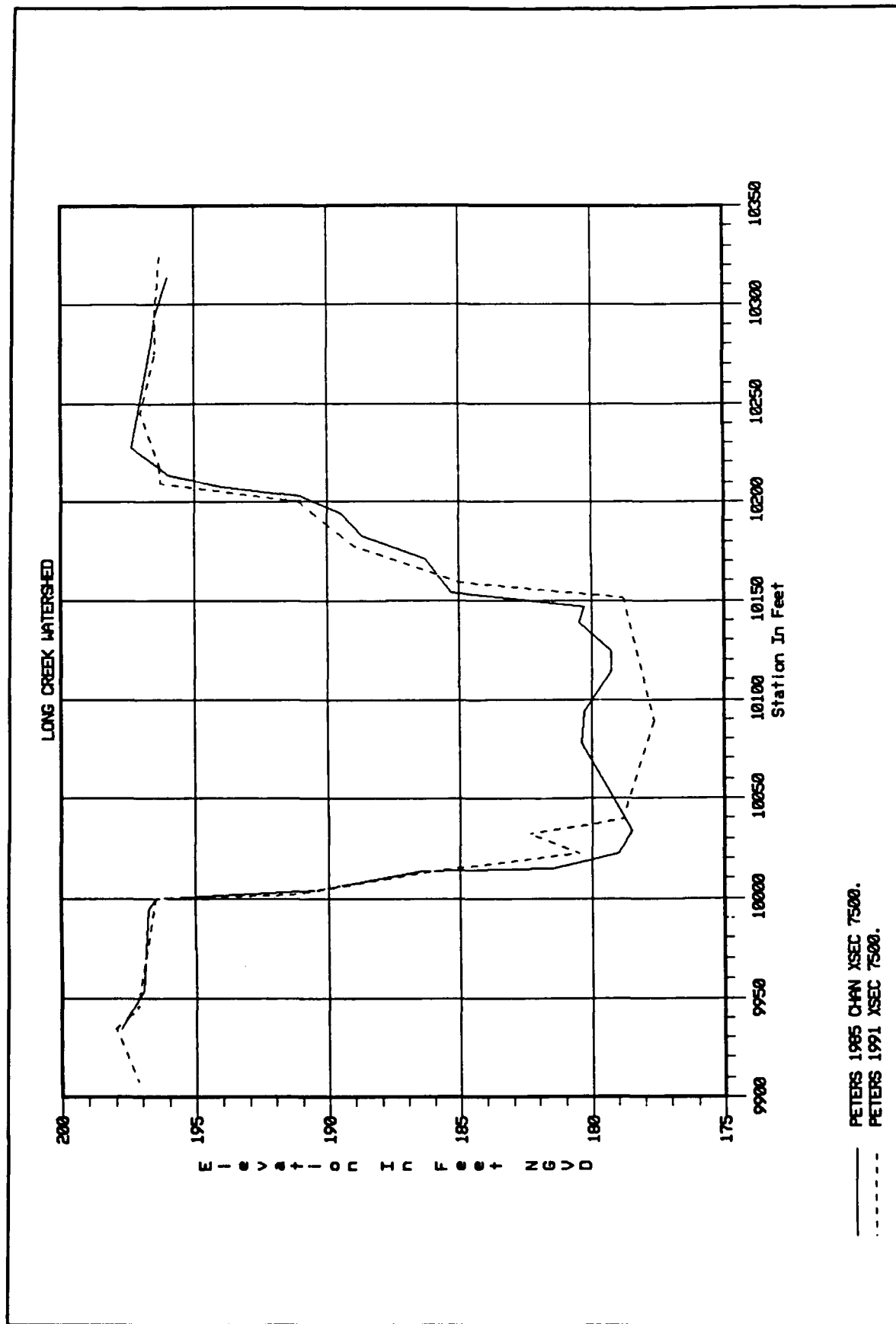
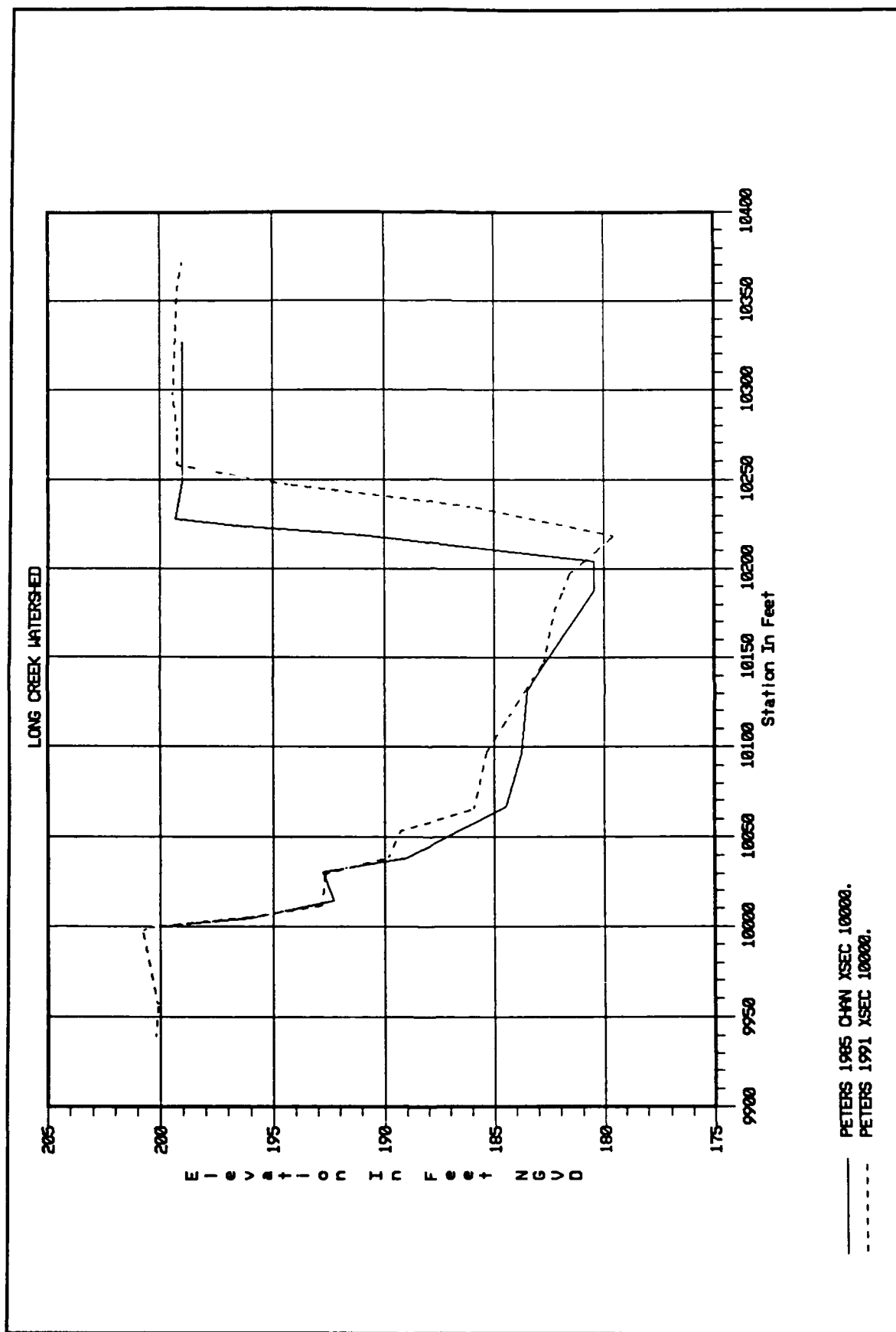
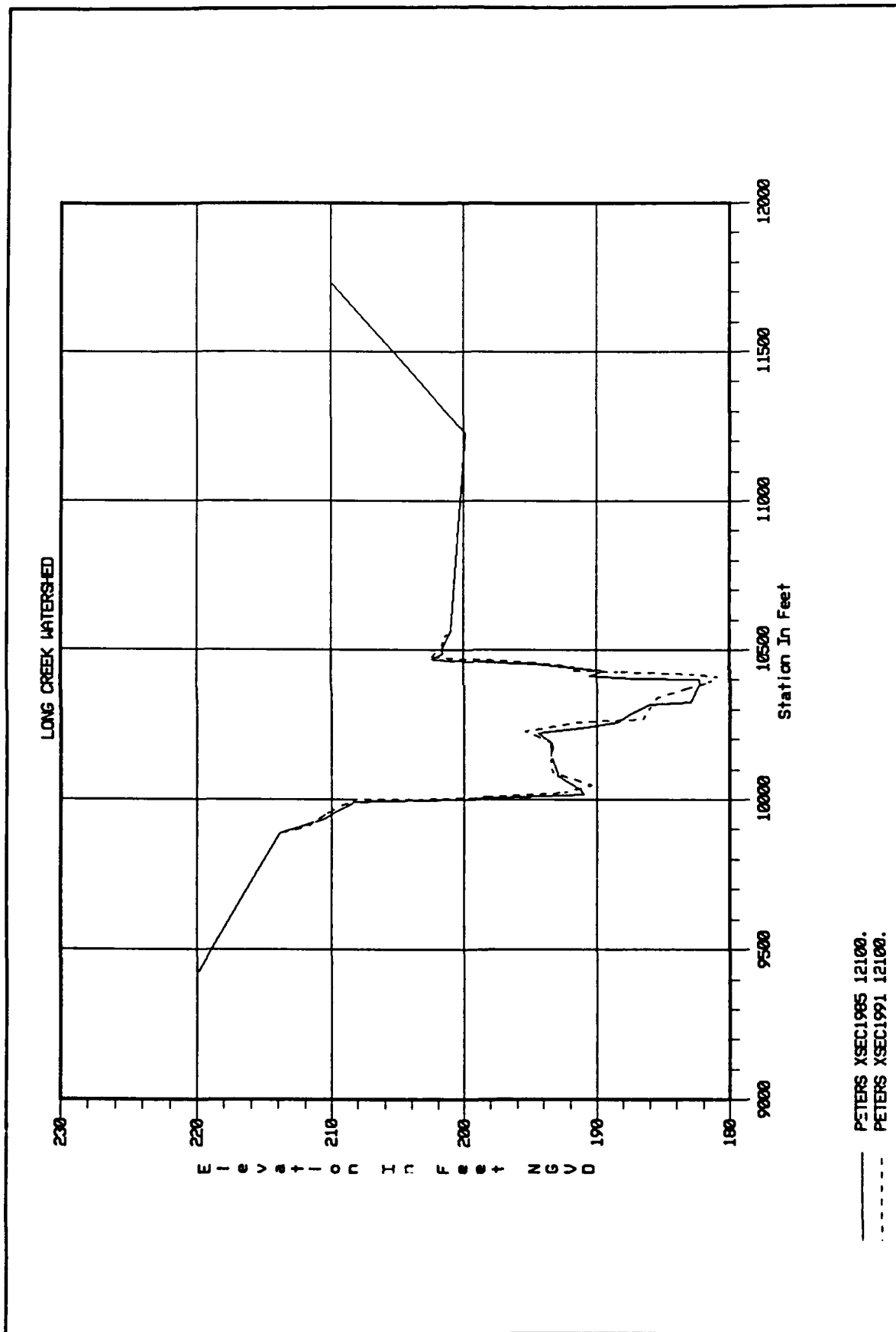
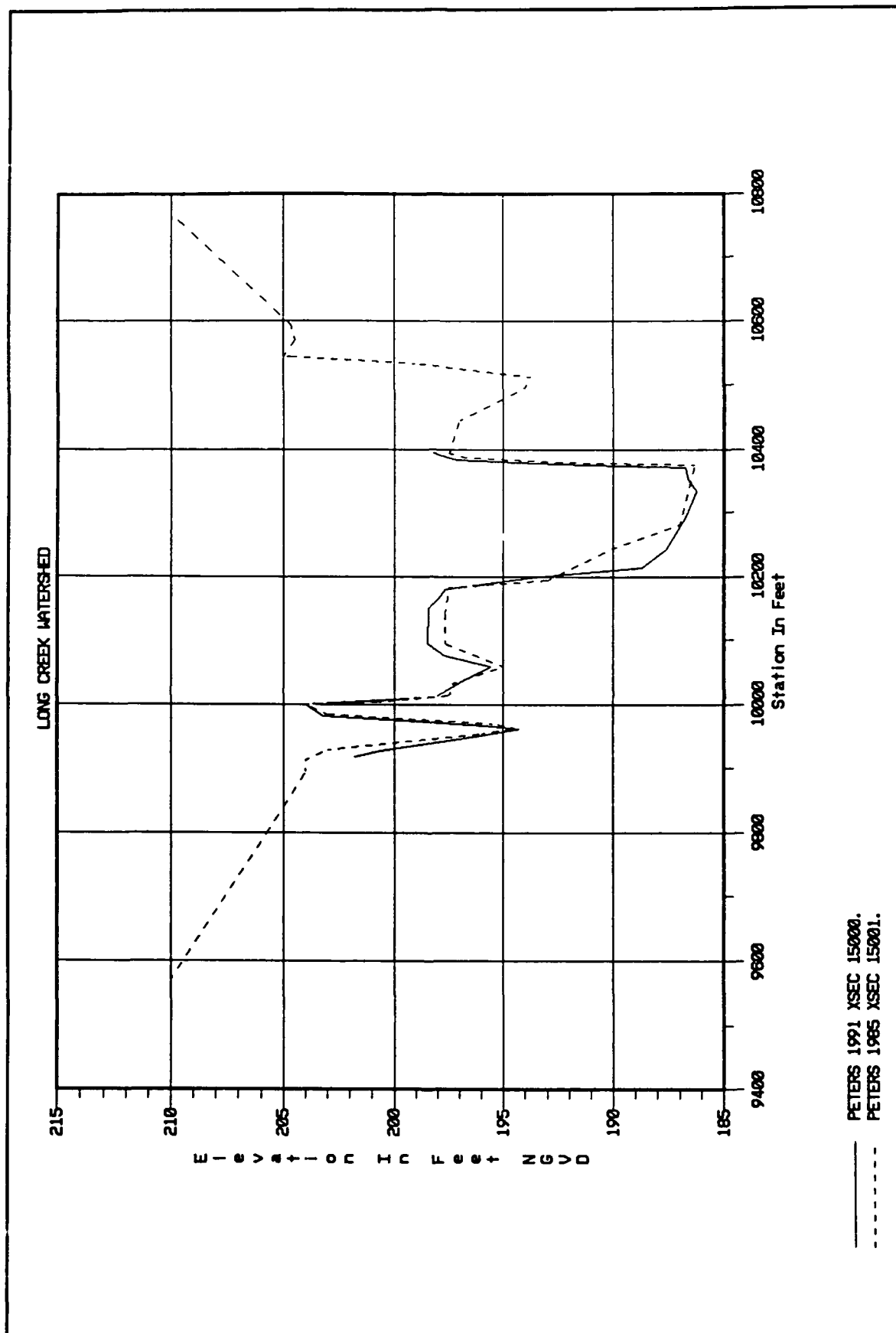


PLATE B92









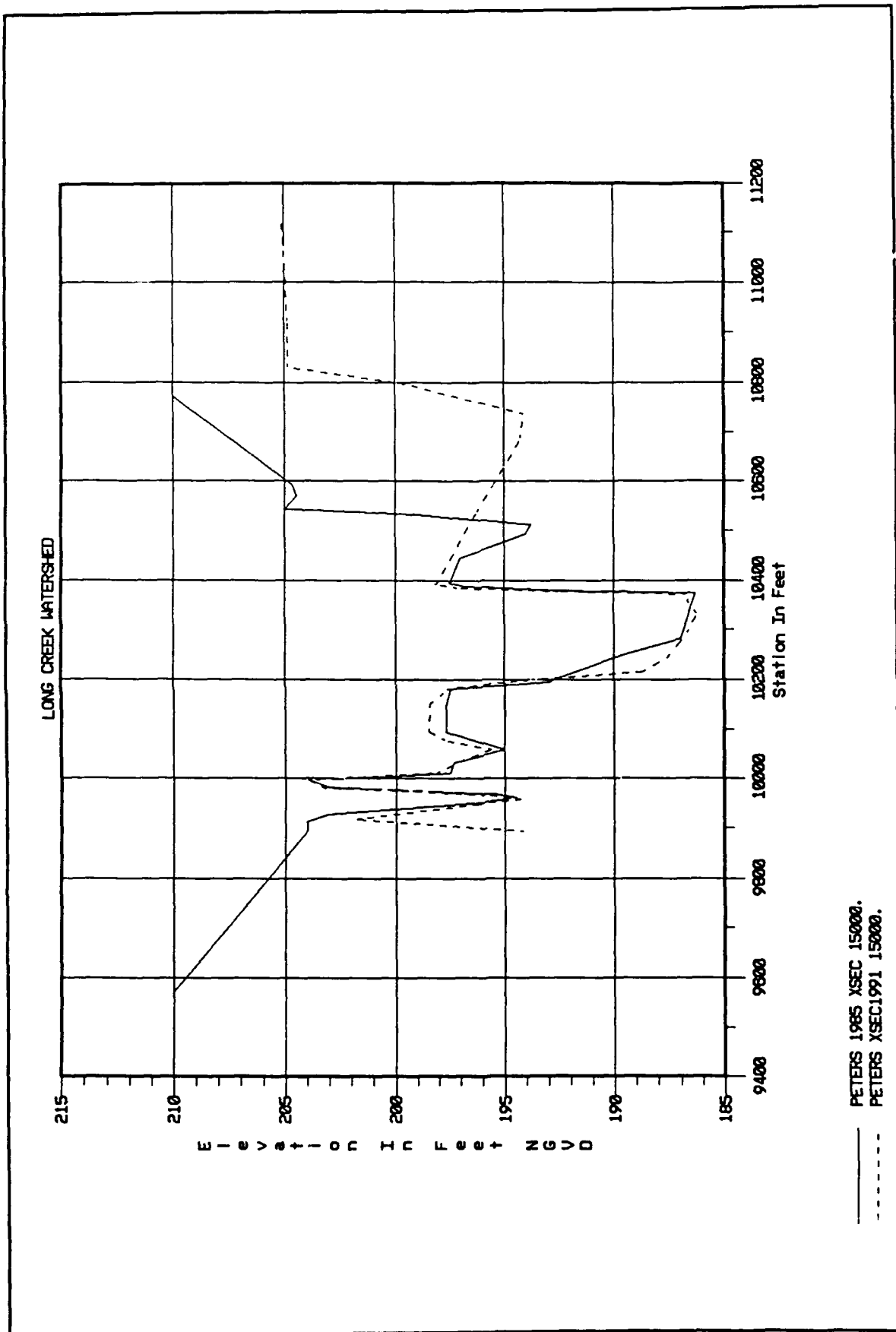
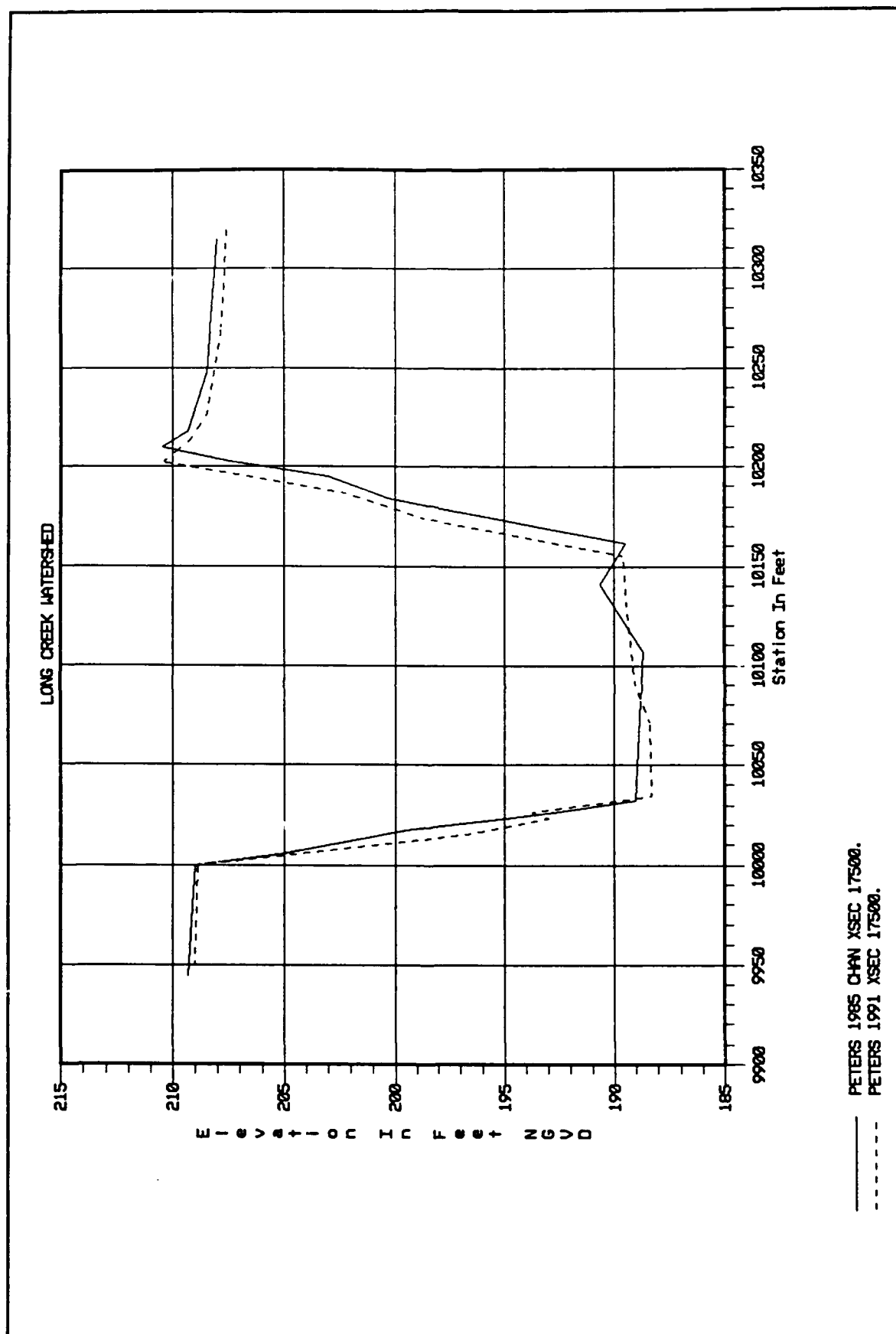
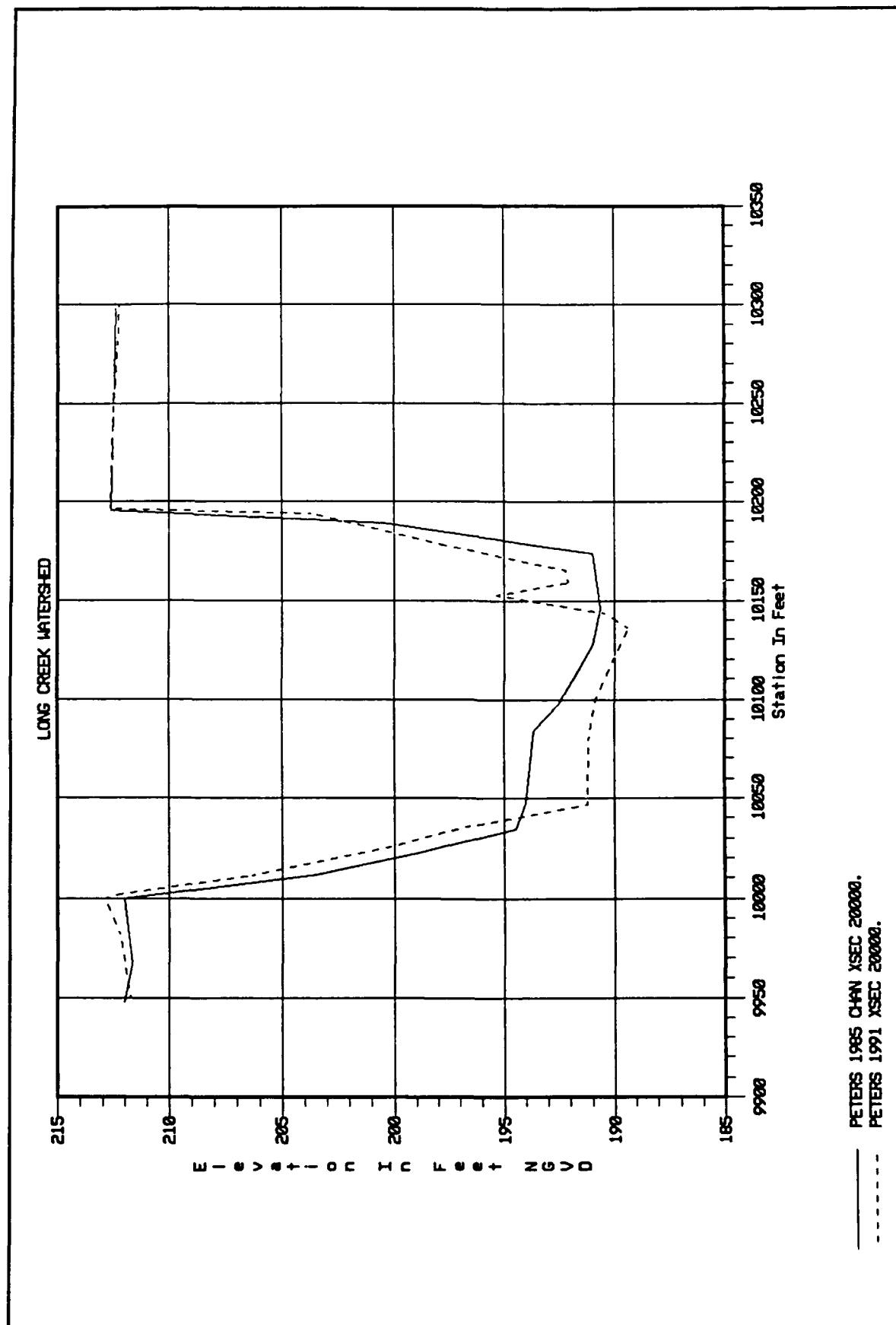
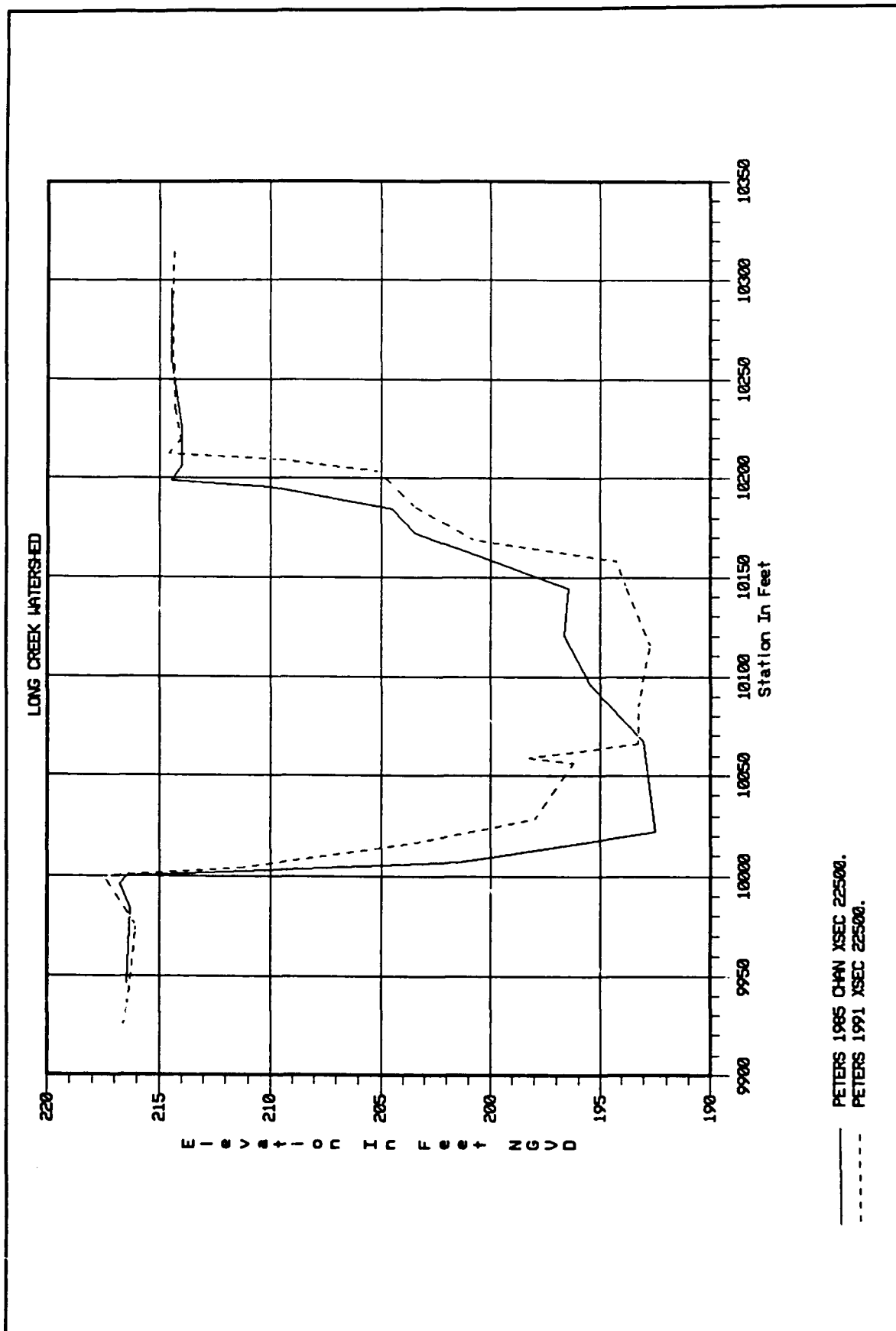


PLATE B96







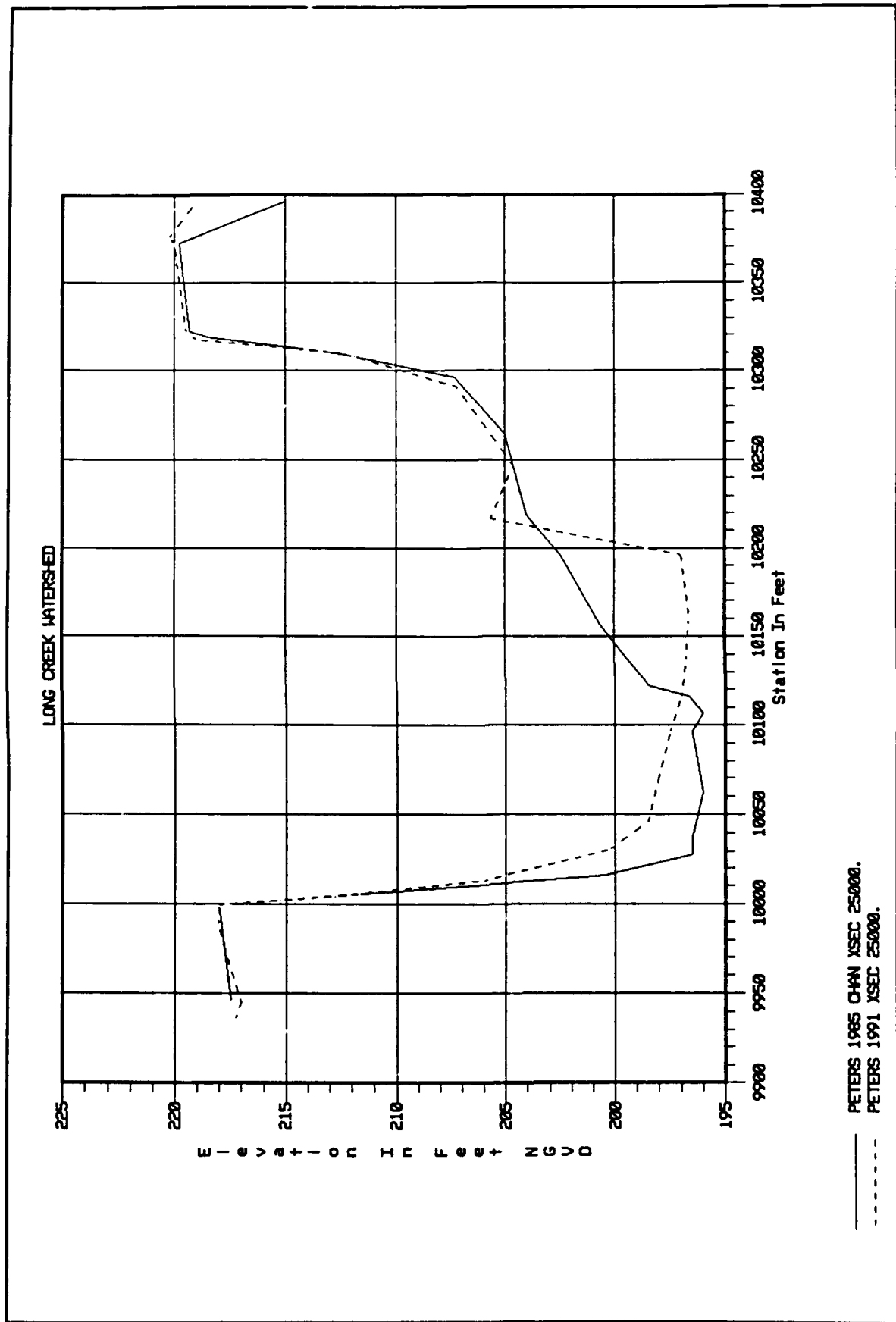
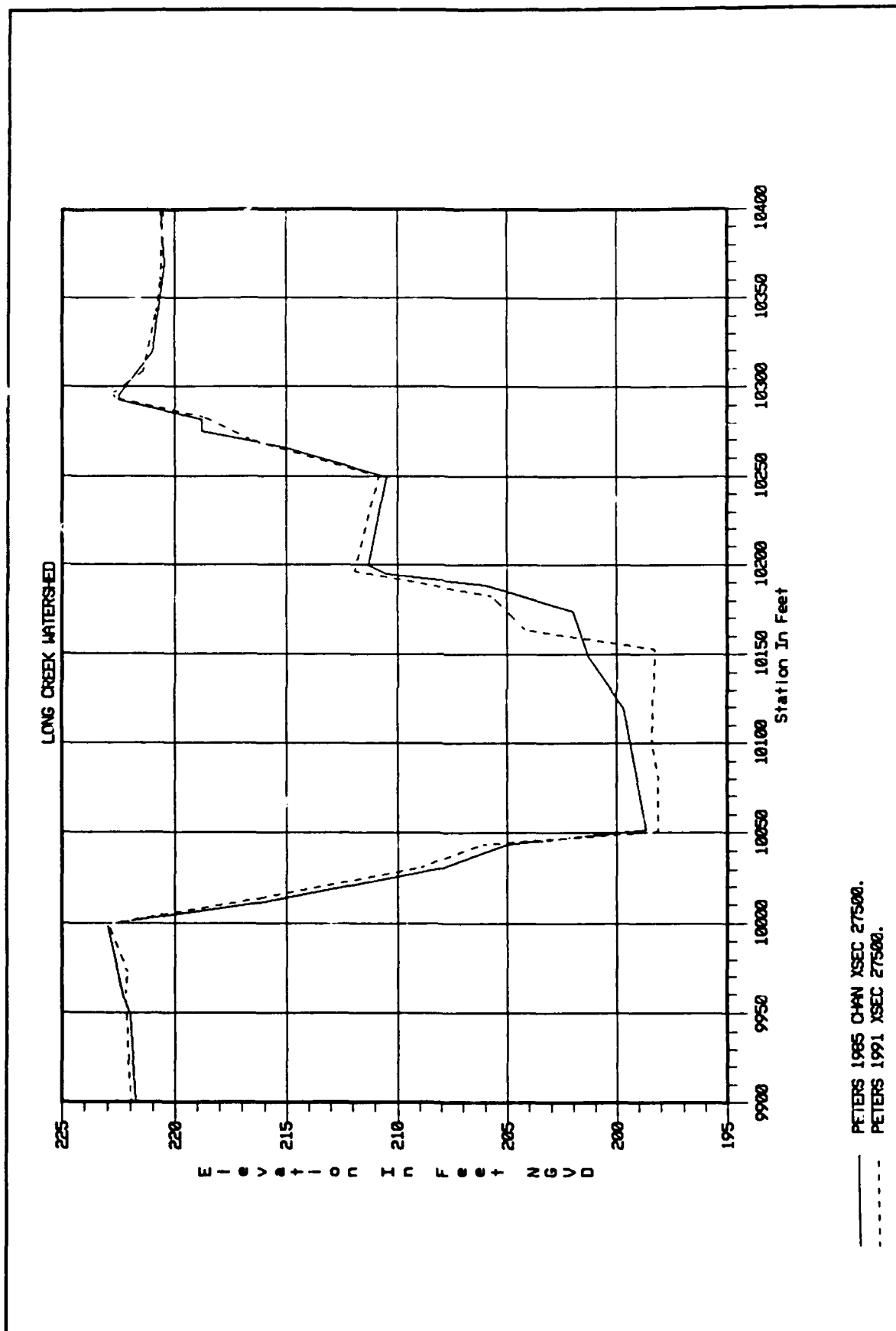


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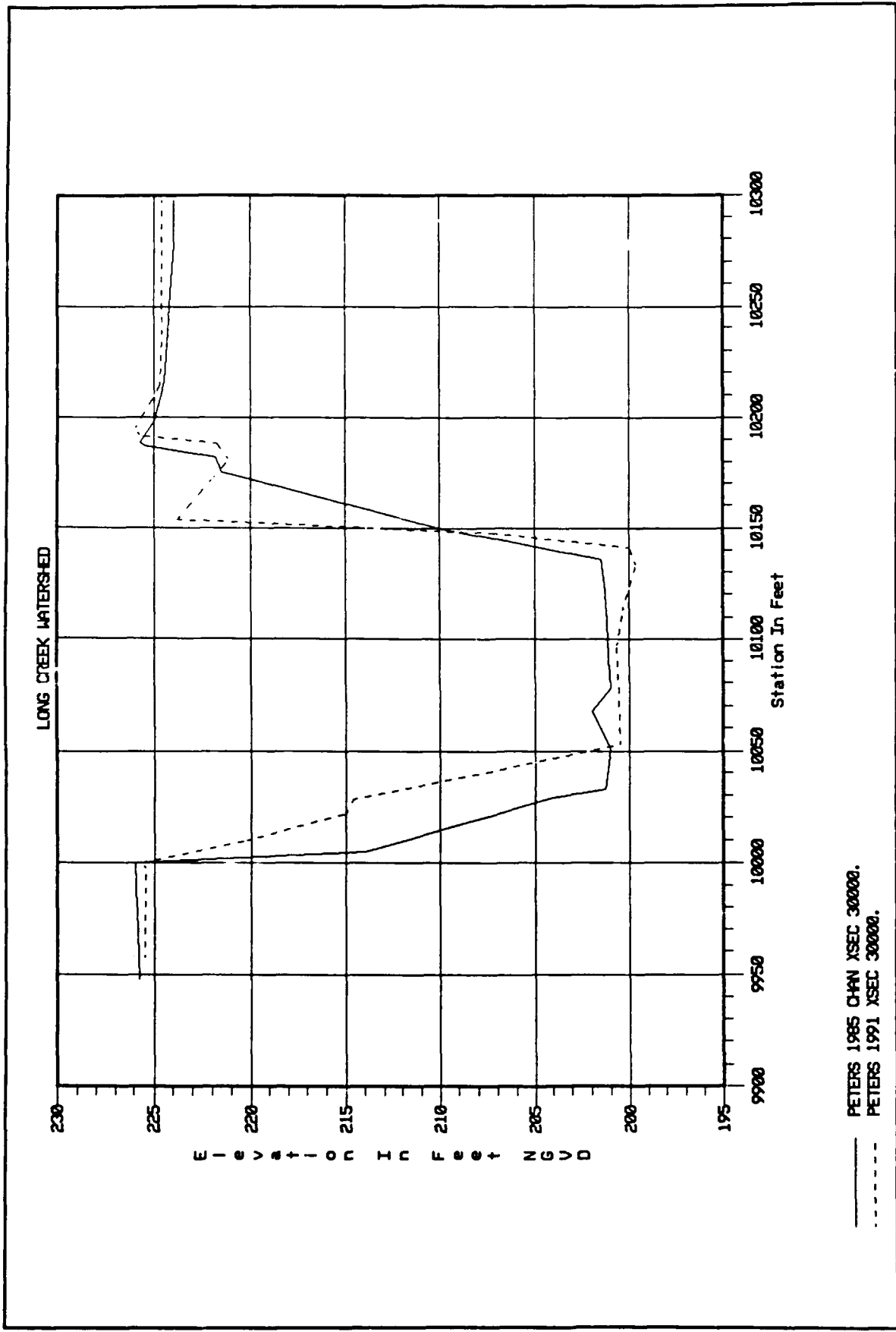
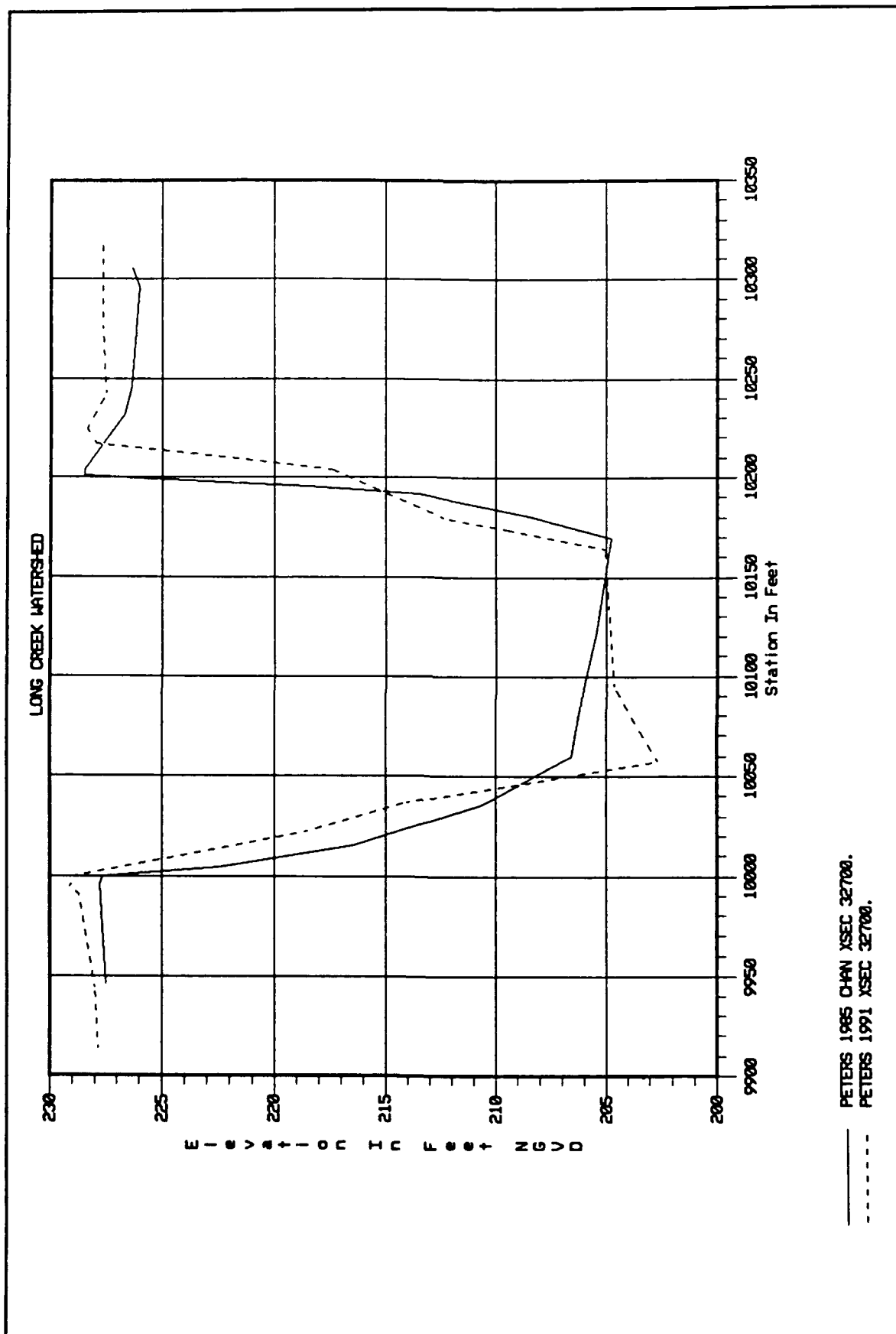


PLATE B102



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